

The following Statement shows the quantities of the principal staples of Traffic imported into Calcutta from the interior during the month of August 1877.

IMPORTS INTO CALCUTTA.

Whence Imported.	FOOD-GRAINS.							Jute.	OIL-SEEDS.		Cotton, raw.	Silk.	
	RICE AND PADDY.*			Wheat.	Gram and pulses.	Other food-grains.	Total.		Linseed.	Mustard seed.			
	Rice.	Paddy.	Total (in rice).										
BENGAL.													
Burdwan	4,33,013	4,025	4,35,338	1,355	8,070	50	4,44,909	50	4,458	111		7	
Bankura	2,101		2,101				2,101						
Boerbhoom	1,13,377		1,13,377	590	1,705	70	1,15,124		981			87	
Midnapore	3,32,339	73,384	3,78,004			1,172	3,79,306	538	338			338	
Hoochly	1,57,016	9,039	1,62,655	14,633	9,113	1,353	1,87,053	11,018	46,938	18,161	150	80	
24-Pergunnahs	2,36,817	24,795	2,51,914	255	530		2,53,090	2,250	800		2,089	3	
Nuddea	1,17,289	285	1,17,458	6,186	84,063	1,066	2,09,973	27,548	6,795	6,183	830	1,793	
Jessore	40,643	2,125	41,371		25,780	450	67,601	1,371	1,255	150	20		
Mosshedabad	1,33,446		1,33,446	12,013	49,634	9,383	2,03,236		6,174	3,596		968	
Minagore	6,03,091	60	6,03,118	590	3,185	1,530	6,08,423	3,075	400	377			
Maldah	42,021		42,021	15,319	21,295	2,969	81,584	700	4,447	625			
Rajshahye	10,064		10,064	1,325	17,445	1,305	29,789	40,384	2,963			1,937	
Bangpore	36,861		36,861	134	400		37,395	1,719					
Boarra	45,950		45,950		160		46,110			220			
Pubna	46,215	1,520	47,185	1,285	21,707	2,308	72,465	2,07,185	4,320	11,857			
Dacca	2,5,796	1,235	2,53,589		7,935	305	2,61,819	86,908	1,085		903		
Furreedpore	5,44,418	15,337	5,54,004	1,178	73,290	247	5,61,973	3,61,973	7,903	19,267			
Backergunge	2,83,875	3,725	2,88,203		100		2,88,353	1,000					
Mymensingh	44,039	6,225	49,530		1,325		49,855	211	675	3,015			
Tippurah	74,070	080	74,495		650		75,145	140					
Noakhully	6,442		6,442										
Total of Bengal	34,24,843	1,42,485	35,18,890	55,420	5,26,341	22,614	39,16,480	7,44,638	89,433	62,585	3,998	3,487	
BEHAR.													
Patna	21,850		21,850	94,586	1,97,070	18,896	3,32,402		3,19,420	79,329			
Shahabad	334		334	41,217	44,486	10,226	96,363		23,596	6,907			
Mosuffurpore					1,230	2,021	3,271		23,834	3,425			
Darbhanga					744	675	1,315		90,108	34,977			
Barun	1,103		1,103	4,390	10,416	4,800	23,718		37,169	14,664			
Chumpanan					111	93	204		21,513	20,636			
Monghyr	8,334		8,334	64,107	1,24,296	1,642	1,09,139		22,464	10,980	303		
Bhagulpore	46,587		46,587	1,32,038	490,446	10,080	2,33,701		46,372	14,964			
Purneah	11,100		11,100	11,216	2,093	951	33,980		6,085	7,359			
Bonthal Pergunnahs	31,265		31,265	9,565	7,763	1,817	50,700		6,658	7,791		87	
Total of Behar	1,21,043		1,21,043	3,59,460	4,42,971	51,200	9,74,678		5,96,555	2,61,352	306	37	
ORISSA.													
Outtock	312	1,481	1,236				1,236						
Balasore	11,108	245	11,351				11,351	14					
Total of Orissa	11,510	1,726	12,580				12,580	14					
CHOTA NAGPORE.													
Hasarcebagh									26	80			
Manbhoom	17,763		17,763				17,763						
Total of Chota Nagpore	17,763		17,763				17,763		26	80			
Grand total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	35,75,159	1,44,211	36,63,291	4,15,098	7,69,212	73,904	40,23,505	7,44,647	8,84,114	2,63,987	4,204	3,534	
OTHER PROVINCES.													
Assam	40,911	12,437	48,684	180			48,844	4,963	1,050	24,529		17	
North-Western Provinces	11,420		11,420	2,80,362	94,887	11,866	4,04,045	2,69,499	95,579	12,688		54	
Punjab	2		2	67,141	9,654	3,328	80,095	10		1,084			
Central Provinces	258		258	9,076	2,909		12,093	13,329		1,205			
Rajpootana States				100	853		953	208		104			
Bombay				166	182	812	510			3,750			
Madras	140		140				140			777		785	
Other places	2,731		2,731		14		2,745			286		2,381	
Grand total { In Aug. 1877	30,30,621	1,56,548	31,28,526	7,79,263	8,77,140	88,808	54,73,727	7,40,609	9,09,210	8,84,199	29,948	8,730	
of imports. { In Aug. 1876	3,08,826	37,236	6,32,098	3,01,000	2,75,582	77,715	14,86,395	10,06,657	6,68,627	2,63,034	6,907	1,908	

The sea-borne trade of Calcutta in these staples during August 1877 is as follows:—

EXPORTED FROM CALCUTTA:—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
To Indian ports, viz.—											
Madras ...	10,95,432	7,092	11,00,140	61,500	3,83,035	10,354	15,07,030	...	...	...	...
Other ports in Madras ...	2,03,003	7,045	2,07,470	840	6,080	...	22,092	...	...	...	...
Bombay ...	16,642	...	16,642	...	...	...	...	...	...	...	...
Other ports in Bombay ...	24,442	1,220	25,304	1,080	17,390	66	43,740	...	...	...	...
Pondicherry ...	21,314	...	21,314	400	11,622	110	33,946	...	...	...	...
Other Indian ports ...	73,414	1,280	74,214	928	27,342	10	1,02,404	257	...	...	...
Total of interprovincial trade ...	15,24,210	17,238	15,54,934	64,846	4,30,530	10,540	20,50,929	257	...	12	698
To Foreign ports—											
United Kingdom ...	2,850	...	2,850	6,46,787	14	4,082	6,52,715	1,78,463	11,07,288	3,71,997	1,717
Other ports ...	5,67,342	190	5,67,461	1,558	21,466	2,900	6,83,175	3,084	37,246	60,067	9,891
Total of foreign trade ...	5,70,192	190	5,70,311	6,47,115	21,470	6,983	12,45,888	1,75,517	11,44,531	4,31,694	9,891
Grand total	20,94,402	17,428	21,06,295	7,11,063	4,42,000	17,523	32,76,810	1,75,774	11,44,531	4,31,694	9,903
of imports.	3,06,004	600	3,06,979	3,07,558	88,280	22,184	13,24,908	3,31,800	6,68,553	95,326	2,553

* A maund of paddy is equivalent to 25 seers of rice.

† Taken from the monthly returns of the Custom House, where no information was then available of short shipments and relands as regards grains shipped to free ports.

The following Statement shows the several Routes followed by the trade in the principal staples of Traffic imported into Calcutta during the month of August 1877.

IMPORTS INTO CALCUTTA.

Specification of routes.	FOOD-GRAINS.					Jute.	* OIL-SEEDS.		Cotton raw.	Silk.
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.		Linseed.	Mustard seed.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	27,16,437	1,53,489	3,01,498	4,75,398	57,750	2,16,526	6,74,805	2,90,497	1,817	1,397
" river steamers ...	50,324	.....	294	893	.....	71,943	.....	16,891	.....	17
" rail { East Indian ...	2,05,075	.....	4,72,936	3,26,588	20,808	.....	4,76,592	1,42,250	16,032	496
" " { Eastern Bengal ...	5,17,301	372	2,140	79,637	241	6,55,245	10,708	22,316	2,011	1,792
" road ...	43,584	1,601	2,380	1,090	.....	1,785	9,105	2,245	376	3
" sea ...	14,200	1,736	.....	14	.....	14	.....	.....	9,712	3,164
Grand total of imports. { In Aug. 1877 ...	86,30,621	1,56,648	7,79,253	8,77,140	88,808	7,40,509	6,69,210	3,84,199	20,948	6,760
" { In Aug. 1876 ...	8,08,826	37,236	3,01,000	2,76,682	77,715	10,06,957	6,88,527	2,53,024	8,907	1,908

The following Statement shows the quantities and values of the principal staples of Traffic exported inland from Calcutta during the month of August 1877.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.	Whither exported.	Cotton piece-goods (European).	Cotton twist (European).	Salt.
BENGAL.	Rs.	Mds.	Mds.	CHOTA NAGPORE.	Rs.	Mds.	Mds.
Burdwan ...	1,68,186	897	38,137	Hazareebagh ...	4,640	33	1,621
Beerbhoom ...	24,720	2,838	7,119	Manbhoom ...	46,090	100	2,285
Midnapore ...	90,000	4,510	27,560	Total of Chota Nagpore ...	54,800	182	3,806
Hooghly ...	4,081	356	23,057	Grand total of supply into the provinces under the Lieutenant-Governor of Bengal. }	34,88,540	16,461	12,88,449
24-Pargunnahs ...	22,114	79	7,802	OTHER PROVINCES.			
Nudda ...	3,00,322	1,144	62,503	Assam ...	3,56,091	507	50,104
Jessore ...	7,700	228	32,436	North-West Provinces ...	16,20,482	1,572	1,17,124
Moorshedabad ...	1,53,860	66	46,923	Panjab ...	8,25,544	1,094	.....
Dinapore ...	.....	.....	72,319	Central Provinces ...	33,530	120	.....
Malda ...	6,200	.....	23,792	Rajpootana States ...	84,720	26	.....
Rajshahye ...	1,18,480	14	8,600	Madras ...	30,008	269	.....
Kungpur ...	400	.....	2,725	Bombay ...	10,800	40	.....
Bokro ...	4,10,760	267	1,41,814	Other places ...	3,72,371	1,742	3,072
Cooch Behar ...	8,51,908	1,374	63,243	Grand total of exports. { In August 1877 ...	61,08,905	22,445	14,58,749
Dacca ...	1,33,960	1,351	14,902	" { In August 1876 ...	60,00,781	13,667	6,80,767
Furreedpore ...	9,676	230	23,932	The sea-borne trade of Calcutta in these staples during August 1877 is as follows:—			
Backergunge ...	350	.....	28,095	IMPORTED INTO CALCUTTA:—			
Mymensingh ...	40	875	.....	From Foreign Ports:—			
Tipperah ...	42,706	33	46	United Kingdom ...	97,60,406	16,596	6,26,977
Chittagong ...	4,600	110	4,825	Other ports ...	25,635	545	1,82,037
Noakhally ...	.....	.....	.....	Total of foreign trade ...	98,10,971	16,561	7,79,034
Total of Bengal ...	23,69,910	13,447	8,31,048	From Indian Ports, viz:—			
BEHAR.				Madras ...	3,600	.....	15,968
Patna ...	3,90,540	350	1,26,745	Other ports in Madras ...	1,892	.....	1,554
Shahabad ...	94,540	13	18,270	Bombay ...	1,02,043	3,170	33,999
Meerutpore ...	.....	.....	7,000	Other Indian ports ...	11,914	.....	.....
Durbhunga ...	.....	.....	64,080	Total of interportal trade ...	1,19,380	3,170	61,516
Saran ...	.....	.....	67,615	Grand total ... { In August 1877 ...	60,35,360	19,721	8,30,550
Monkhyr ...	26,800	203	60,887	" { In August 1876 ...	77,61,700	12,180	0,09,311
Rhagulpore ...	14,800	139	43,879				
Purneah ...	1,75,632	405	4,773				
Sonthal Pargunnahs ...	3,12,000	.....	.....		
Total of Behar ...	10,14,472	1,110	4,53,162				
ORISSA.							
Cuttack ...	23,275	978	.....			
Balaore ...	27,686	794	433				
Total of Orissa ...	40,961	1,772	433				

* As per tariff declaration value.

The following statement shows the several Routes followed by the Trade in the principal staples of traffic exported from Calcutta during the month of August 1877.

Specification of routes.	Cotton piece-goods (European).	Cotton twist (European).	Salt.
	Rs.	Mds.	Mds.
By boat ...	3,03,603	6,686	12,84,908
" river steamers ...	4,74,064	848	8,588
" East Indian Railway ...	52,53,548	8,538	1,46,337
" Eastern Bengal Railway ...	16,61,973	2,850	20,279
" road ...	7,008	.....	2
" sea ...	4,50,340	2,835	551
Grand total of exports ... { In August 1877 ...	61,08,905	22,445	14,58,749
" { In August 1876 ...	60,00,781	13,667	6,80,767

STATEMENT SHOWING SEASONAL RAINFALL FOR EACH SUB-DIVISION IN BENGAL.

I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NAMES OF DIVISIONS AND DISTRICTS.	Names of stations.	Number of years, the total rainfall whereof taken for the average fall per annum.	REGISTERED RAINFALL IN INCHES AT ALL THE STATIONS NAMED IN COLUMN 2.													
			Fall to end of April (4 months).		Fall to end of June (6 months).		Fall to end of August (8 months).		Fall in September (1 month).		Fall to end of September (9 months).		Fall after September, and to end of December (3 months).		Total fall of the year.	
			Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.
Burdwan Division.	Burdwan	14-16	6.15	5.74	21.73	16.47	45.96	45.55	8.51	2.50	54.46	48.05	6.16	60.63	59.83	
	Chitwa	6-7	4.65	9.06	21.15	22.90	48.10	52.90	7.81	6.82	50.91	05.99	3.79	54.70	54.70	
	Chitwa	6-7	4.88	7.05	17.79	18.59	39.51	47.38	8.23	2.71	43.79	50.99	4.58	49.37	49.37	
	Bood-Bood	6-7	3.97	3.94	16.73	12.35	30.18	40.12	8.10	4.52	47.37	43.64	4.91	51.03	51.03	
	Banerang	7	8.19	4.24	13.23	13.92	37.38	45.43	6.31	9.55	43.89	04.98	3.55	47.44	47.44	
	Jenaband	5-6	4.93	7.59	19.93	26.05	42.35	68.88	11.37	0.49	53.82	76.37	8.90	60.12	60.12	
	Bankora	17-19	4.76	4.76	16.36	14.93	41.66	39.66	8.63	11.30	59.19	50.90	6.57	56.86	56.86	
	Soory	13-14	3.90	6.15	14.95	13.50	40.53	43.42	9.39	12.09	43.91	55.31	4.44	51.35	51.35	
	Hemapore	8	5.48	7.67	31.63	17.06	69.40	49.15	10.61	19.11	71.01	55.23	2.30	73.31	73.31	
	Midnapore	11-13	4.39	10.22	21.31	21.90	43.84	40.03	8.00	3.95	52.50	43.91	6.53	59.08	59.08	
Presidency Division.	Tumlook	9-10	7.05	9.45	22.56	16.93	47.18	40.13	8.74	4.17	55.26	44.30	6.43	61.03	61.03	
	Contal	5-6	4.33	8.85	20.34	20.00	46.65	55.19	13.10	5.75	69.75	60.91	13.35	73.10	73.10	
	Hooghly	12	7.05	6.83	23.33	21.16	48.11	48.00	7.98	4.83	55.99	50.74	4.50	60.49	60.49	
	Serampore	8-9	5.33	8.34	18.63	20.50	41.83	46.29	6.97	3.86	46.53	59.14	6.11	64.93	64.93	
	Mowrah	9-9	7.11	10.43	23.77	19.94	40.76	51.85	10.90	0.61	59.76	58.50	5.50	65.26	65.26	
	Saugor Island	9-10	3.80	7.45	20.34	21.27	40.33	50.53	13.07	8.83	63.90	61.73	11.05	74.35	74.35	
	Alipore (Jail)	6-7	6.31	9.07	22.93	19.35	49.23	52.90	9.09	8.83	58.31	55.09	4.96	63.36	63.36	
	Bussorhat	6-7	6.53	7.80	20.71	23.23	44.25	48.81	7.75	8.79	64.00	55.09	4.96	68.99	68.99	
	Baraset	6-7	5.57	7.84	20.63	21.19	42.57	46.99	7.32	6.49	49.89	52.59	5.73	58.31	58.31	
	Diamond Harbour	6-7	6.25	11.39	21.53	31.53	49.75	57.04	11.32	6.09	61.27	53.73	7.54	68.81	68.81	
24-Pergunnahs	Buripore	6-7	4.43	8.03	20.96	21.95	48.72	60.94	8.81	9.29	58.00	48.85	5.39	60.39	60.39	
	Sakthira	6-7	8.20	12.83	23.78	31.34	47.56	60.92	7.78	10.11	53.34	70.93	5.14	69.45	69.45	
	Barackpore	6-7	5.82	7.75	21.24	21.11	41.49	47.73	4.33	4.33	47.65	52.00	5.16	53.81	53.81	
	Dum-Dum	6-7	5.51	7.91	20.88	16.39	44.67	44.53	8.34	6.27	53.21	50.83	3.45	53.63	53.63	
	Calcutta	47-49	5.09	6.79	25.57	16.02	49.29	47.39	10.18	8.88	59.47	56.37	6.40	65.96	65.96	
	Kishanpur	12-14	6.33	13.32	25.14	23.49	45.47	65.00	6.85	1.91	52.32	66.91	4.46	56.78	56.78	
	Bangore	6-7	6.32	6.60	21.63	20.46	44.34	47.31	6.85	5.37	51.29	72.71	5.31	56.99	56.99	
	Midnapore	6-7	5.86	10.13	21.73	25.45	42.85	65.60	6.13	6.13	40.43	73.75	3.43	52.66	52.66	
	Kooches	6-7	3.27	11.32	22.96	25.45	43.07	65.60	5.38	6.84	52.07	71.36	3.63	55.69	55.69	
	Ranghat	6-7	6.09	7.83	22.65	26.39	42.93	75.44	8.13	10.35	61.03	94.79	3.58	54.63	54.63	

Jessore		14-17	6-65	0-45	27-40	24-31	40-65	53-30	8-78	7-70	53-43	68-60	6-47	64-90
Jessore	Narail	6-6	7-82	1-08	27-42	18-51	53-80	55-85	6-80	8-74	69-95	68-69	6-47	64-90
	Khoulia	5-6	7-16	1-08	27-42	18-51	53-80	55-85	6-80	8-74	69-95	68-69	6-47	64-90
	Jharkhand	5-6	6-93	1-08	27-42	18-51	53-80	55-85	6-80	8-74	69-95	68-69	6-47	64-90
	Baghat	5-6	6-97	1-08	27-42	18-51	53-80	55-85	6-80	8-74	69-95	68-69	6-47	64-90
	Magora	5-6	7-26	1-08	27-42	18-51	53-80	55-85	6-80	8-74	69-95	68-69	6-47	64-90
Moorshedabad		10-21	4-73	5-05	18-50	15-08	59-09	51-44	9-41	8-94	48-50	60-38	5-08	54-33
Moorshedabad	Rampore Hat	6	5-41	6-83	15-50	13-27	57-25	45-23	11-70	11-43	48-03	50-67	5-08	54-33
	City Moorshedabad	6	5-13	7-09	17-09	13-53	59-05	56-60	10-43	7-53	49-07	63-39	4-71	63-06
	Jessore	6	5-81	7-39	18-33	13-53	59-05	56-60	10-43	7-53	49-07	63-39	4-71	63-06
	Assamanga	4-5	3-95	6-55	16-72	14-01	59-15	45-03	7-11	10-75	46-58	59-78	6-09	57-23
	Lakrolle	3-4	3-95	7-32	18-02	11-24	41-52	40-63	10-53	8-25	51-70	40-67	6-20	67-80
Rajshahye and Cooch Behar Division.														
Dinapore		13-16	4-36	3-02	30-67	29-33	59-36	47-04	13-67	17-61	71-56	69-55	6-74	78-70
Rajshahye	Banish	14-17	4-02	10-57	21-39	23-57	43-83	63-90	10-85	12-03	54-50	75-99	5-63	60-33
	Natore	6-7	5-27	6-07	21-11	22-31	43-80	61-38	11-23	13-23	55-03	77-09	4-67	59-75
	Bangore	14-16	4-78	7-42	30-45	33-88	60-20	66-05	11-64	22-69	78-14	87-71	5-50	83-73
	Bhubanigunge	6	4-65	4-13	28-71	19-07	47-87	62-81	11-79	12-93	59-60	53-74	4-78	64-34
	Bogra	12-15	5-90	4-54	35-68	21-51	60-42	55-87	13-58	14-56	74-00	70-43	5-85	70-85
Pubna	Pubna	9-10	6-03	6-01	24-02	22-27	48-58	71-05	10-93	16-09	59-41	90-73	4-50	64-00
	Serajpore	6-7	5-61	6-73	24-19	20-91	43-20	61-39	9-46	13-05	56-75	74-45	4-25	58-97
	Darjeeling	14-17	6-38	4-59	37-28	36-97	59-10	55-43	15-81	18-03	104-91	104-30	7-58	112-47
	Jalpijore	7-8	6-03	5-80	48-53	38-33	95-63	64-77	23-78	28-07	119-38	92-81	6-23	125-09
	Bokah	7-8	12-58	10-73	75-00	60-72	179-63	182-17	35-08	38-01	210-03	182-13	12-46	223-34
Cooch Behar	Titula	6-7	5-80	6-30	35-97	33-53	52-11	67-68	25-53	17-17	102-50	94-88	6-06	107-56
	Cooch Behar	5-8	8-38	9-01	58-07	40-12	99-63	70-25	16-14	85-54	115-82	105-79	5-43	131-25
Dacca Division.														
Dacca	Dacca	29-35	8-89	11-67	32-28	35-01	55-96	72-52	9-52	10-33	63-08	82-85	6-44	71-82
	Moonshergunge	4-5	7-83	21-06	28-10	26-10	55-49	90-34	10-45	13-09	63-94	111-19	5-00	70-94
	Manickgunge	4-5	6-41	7-47	23-22	28-20	44-78	70-78	8-71	9-97	53-40	77-75	3-27	56-76
	Furzedpore	8	8-65	13-75	31-43	32-50	55-57	85-52	11-02	7-77	66-29	93-99	4-23	70-51
	Goabundo	6-7	8-40	10-89	24-47	27-04	45-24	73-40	8-50	12-03	53-74	85-42	4-16	58-59
Backergunge	Madarepore	6-7	8-40	13-18	32-43	35-30	58-15	76-63	9-19	11-97	67-38	88-00	5-53	73-23
	Burial	8-9	6-41	21-11	28-33	43-93	57-04	74-38	10-40	11-34	68-34	85-72	5-45	73-59
	Perzeopore	6-7	6-53	8-57	23-91	30-47	54-47	77-06	10-12	10-83	64-59	87-49	6-06	70-53
	Patakhally	4-5	6-97	10-53	34-63	48-78	89-68	88-11	12-16	15-90	93-74	103-11	6-70	102-48
	Dowlathkan	6-7	5-69	4-49	24-13	.....	39-45	.....	13-29	11-34	98-74	111-34	6-70	100-44
Mymensingh	Mymensingh	10-12	9-97	7-22	42-93	32-73	77-10	89-61	12-59	20-07	80-09	109-08	5-03	95-12
	Jamapore	6-7	6-31	4-88	30-30	24-53	56-71	65-97	13-09	15-11	70-31	83-93	3-93	74-34
	Atta	6-7	6-90	3-93	32-15	28-46	54-63	68-24	11-43	15-23	65-46	83-23	6-14	70-99
	Kishoregunge	6-7	9-38	10-57	40-84	34-08	67-07	73-70	14-68	15-70	82-83	89-49	6-79	88-16
	Comillah	14-16	11-16	20-24	41-64	42-38	73-08	87-57	9-77	11-69	83-45	101-60	7-57	91-93
Tipperah	Brahmanberiah	6-7	10-32	18-52	37-30	38-46	61-30	74-53	10-54	11-45	71-54	55-95	5-39	77-14

Statement showing seasonal Rainfall for each Sub-Division in Bengal.—(Continued.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
REGISTERED RAINFALL IN INCHES AT ALL THE STATIONS NAMED IN COLUMN 2.																
NAMES OF DIVISIONS AND DISTRICTS.	Names of Stations.	Number of years, the total rainfall whereof is taken for the average fall per annum.	Fall to end of April (4 months).		Fall to end of June (6 months).		Fall to end of August (8 months).		Fall in September (1 month).		Fall to end of September (9 months).		Fall after September and to end of December (3 months).		Total fall of the year.	
			Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall up to 29th September 1877.	Average of years, as per column 3.	Fall up to 29th September 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.
Chittagong Division.																
Chittagong ...	Chittagong ...	17-19	7-22	8-29	38-62	32-29	65-25	100-99	12-84	50-44	96-19	121-43	8-40	104-29	104-29	...
...	Cox's Bazar ...	6-7	6-94	4-18	61-92	37-11	117-54	135-81	16-20	15-41	135-74	180-23	9-59	143-75	143-75	...
Noakhally ...	Noakhally ...	17-19	7-22	11-82	39-89	44-92	81-95	101-59	15-92	18-54	96-97	129-53	9-90	166-87	166-87	...
Chittagong Hill Tracts ...	Rangamatie Hill ...	8	8-03	16-85	35-57	37-02	72-42	102-24	11-19	29-24	88-81	131-48	9-30	92-91	92-91	...
Hill Tipperah ...	Hill Tipperah ...	4-5	19-86	16-10	33-42	33-35	62-67	68-59	8-03	9-78	70-70	79-37	8-59	76-29	76-29	...
Petna Division.																
Petna ...	Petna ...	17-19	1-99	3-11	9-83	9-21	28-13	23-18	7-47	2-11	35-93	25-29	2-91	38-54	38-54	...
...	Bihar ...	6-7	1-59	4-34	9-15	14-36	33-59	35-37	6-17	6-34	49-06	39-71	5-18	45-74	45-74	...
...	Dinapore ...	6-7	0-91	2-67	7-83	6-70	32-83	17-38	6-70	1-41	39-69	15-79	1-71	41-39	41-39	...
...	Dinapore ...	6-7	1-21	3-57	9-93	5-31	30-68	17-38	8-72	1-41	39-69	15-79	2-91	43-21	43-21	...
Gya ...	Gya ...	11-13	1-99	3-21	6-35	14-97	30-03	31-46	6-89	9-34	36-94	40-89	3-41	40-35	40-35	...
...	Koranda ...	6-7	1-59	3-37	10-29	15-30	34-93	37-85	7-34	7-67	42-49	45-32	2-64	45-13	45-13	...
...	Aurangabad ...	6-7	1-73	10-31	7-83	22-10	34-39	31-31	6-69	1-93	44-53	36-24	2-57	43-49	43-49	...
...	Jehannabad ...	4	0-90	5-45	6-78	10-68	32-25	22-59	4-60	5-39	36-35	24-78	2-33	39-18	39-18	...
Shahabad ...	Arrah ...	17-19	2-84	6-46	10-80	11-75	33-75	24-80	9-65	1-35	43-40	25-74	2-91	48-31	48-31	...
...	Sassaram ...	6-7	1-04	4-37	7-94	9-24	35-32	21-90	6-16	4-03	41-38	23-93	4-06	45-44	45-44	...
...	Buxar ...	6-7	1-28	8-01	7-90	9-77	30-76	18-69	8-32	1-59	39-08	20-18	3-29	42-37	42-37	...
...	Bhutoah ...	6-7	1-94	5-15	9-39	7-92	38-71	20-65	7-83	4-27	46-53	24-93	2-99	49-43	49-43	...
Monterpore ...	Monterpore ...	13-15	2-29	5-99	10-43	7-57	30-01	19-81	9-16	2-39	39-77	25-80	3-70	45-47	45-47	...
...	Sectamurice ...	5-6	1-57	12-16	11-03	15-22	35-86	34-90	10-92	2-71	42-95	27-61	3-35	48-33	48-33	...
...	Durbhanga ...	6	3-05	4-82	14-28	10-57	33-85	31-37	10-56	2-41	45-11	35-79	2-64	45-75	45-75	...
...	Durbhanga ...	6	1-75	3-66	10-68	9-03	33-41	36-91	10-99	7-95	44-31	44-76	1-82	46-19	46-19	...
...	Mudhobannoo ...	5-6	3-74	3-91	13-38	7-09	31-76	35-24	11-39	14-38	45-93	43-90	2-64	45-09	45-09	...
...	Talpoore ...	6	2-16	4-78	11-09	9-49	29-64	25-60	9-49	1-29	39-13	35-19	1-59	50-72	50-72	...
...	Chupra ...	17-20	2-65	4-45	8-91	8-92	36-37	21-77	7-93	2-24	33-59	34-90	2-44	36-14	36-14	...
...	Chupra ...	6-7	1-00	5-23	12-76	11-61	35-54	35-56	11-09	0-44	47-35	32-40	2-75	51-28	51-28	...
...	Saran ...	11-12	2-95	6-39	15-24	8-94	34-39	35-24	9-27	0-63	44-16	33-66	4-01	48-17	48-17	...
...	Medharoo ...	5-6	2-75	6-31	11-59	15-69	38-61	34-39	13-25	9-63	51-56	35-33	1-83	53-59	53-59	...

[illegible]

N.B.—The periods taken in the Statement represent roughly the distribution of rainfall most necessary to the agriculturist. The fall to the end of April may be called 'the plunging fall,' that to the end of June 'the snowing fall.' The fall between June and August matures the *sons*, while that after September fills out the ear of the *amant* rice and determines the prospects of the *publil*.

STATISTICAL DEPT.,

The 9th October 1877.

RAJENDRA NATH MITRA,
Offg. Asst. Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 6th October 1877.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, Oct. 6 '77	15	Rainfall at Culna has been '89, at Cutwa 2'45, at Bood-Bood '94, at Raneergunge '89, and at Jehanabad nil. More rain is very much wanted in all parts of the district, except Cutwa. Fever is very prevalent.
	2 Bankoora, „ 6 „	Nil	The weather has been generally clear and bright. Slight rain has fallen in some parts. Prospects are still fair, but more rain is urgently required throughout the district. Should rain not fall for a week, the high land crops will be spoilt.
	3 Beerbhoom, „ 6 „	54	Weather—very fair. No change since last week; an average crop is in prospect.
	4 Midnapore, „ 6 „	Nil	A few partial showers have fallen in the district, and fair rain at Contai and Ghatal, but very little in any part of the Sudder sub-division. The rain which was urgently needed has not fallen, and some injury has already been caused by the drought. If there is no more rain, as appears not impossible, half the crop in the centre, north, and west of the district will be lost, and the <i>rubber</i> sowings will be very scanty.
	5 Hooghly, „ 6 „	1.59	There was a good shower on the 2nd instant; the weather was dry for the rest of the week. The late rice is doing well, and the rain of the 2nd has been very beneficial. Another shower will ensure the crop. Fever is prevailing in the interior.
PRESIDENCY DIV.	Howrah, „ 6 „	58	Weather—sultry. The slight rain that fell at head-quarters did good, but it does not seem to have extended to Moheshrakha, and two or three more good down-pours are wanted. The prospects of the <i>amun</i> are very fair so far, and sugarcane looks well.
	<i>Central Districts.</i>		
	6 24-Pergunnahs, Oct. 8 '77	69	Weather—fair. Rain almost general on the 2nd instant. Everything is most promising so far. Public health is fairly good, though there is a good deal of fever.
	7 Nudda, „ 6 „	1.72	There has been rain everywhere in the district, and the prospects of the late rice have much improved. The earth has been well moistened for the sowing of the cold-weather crops.
	8 Jessore, „ 6 „	70	Weather—hot, except after the rain. Hot sun. Heaviest rainfall 2.33 at Khoolna. The rivers are unusually low. The crops in the higher lands will yield badly unless there is more rain. The sub-divisional officer of Jhenidah estimates that in his sub-division one-fourth of the <i>amun</i> is already rained. There was no rain in that sub-division throughout the week; elsewhere rain fell.
RANGHAT AND COCKE BEAR DIV.	9 Moorshedabad, „ 6 „	64	Weather—hot in the day, but the nights and mornings are cool with dew. 55 at Lalbagh, 84 at Rampore Hât, and 87 at Jungypore. The prospects of the <i>amun</i> crops are generally good, except in localities which are dependent on inundation from the rivers. Another fall of rain is, however, required within the next few days both for the standing crops and for the sowings of the spring crops. Health is good.
	10 Dinapore, „ 6 „	1.84	Rather over an inch of rain fell about Sunday, the 30th September. Otherwise dry, with heavy dew. Weather much cooler. 1.79 at Roygunge.
	11 Rajshahye, „ 6 „	99	Slight rain in some parts of the district. The winter rice crops promise well. <i>Kalai</i> and <i>til</i> (sesamum) are being sown. Fever is still prevalent.
	12 Rungpore, „ 6 „	3.84	The heavy showers on the 1st and 2nd instant have cleared the air, and there appear signs of the cold-weather coming on. 5.20 at Gaibanda and 6.09 at Kurigram. The fine weather will be of much service to the crops and was wanted, as some slight damage to crops on the low lands has been reported; otherwise the crops are in a very flourishing condition. Public health seems to have improved a little. Whatever fever there is, is all of a mild type.
	13 Bogra, „ 6 „	1.69	Good rainfall on the morning of the 1st instant. Weather hot and clear, with occasional slight showers towards the end of the week. The crops are in good condition, and the rainfall of the week has greatly improved their prospects. Some of the <i>amun</i> rice and sugarcane in Badalgachi are reported to have been damaged by being submerged. It is reported from Madhoopore, Panchbibi, and Badalgachi that there is a good deal of fever prevalent in the jurisdictions of the outposts and of the stations; otherwise the district is healthy. A very few cases of cholera have appeared in the jurisdictions of Panchbibi and Dhunat.
	14 Pabna, Oct. 8 '77	Nil	Weather—seasonable and little cool in the morning. The floods are subsiding so rapidly that the prospects of the <i>amun</i> crops appear to be doubtful. More rain is wanted. Fever is very prevalent.

No.	District, and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
<i>Central Districts.</i>			
RAJSHAHY AND COOCH BEHAR DIV.	15 Darjeeling, Oct. 5 '77	1.42	There was a heavy fall of rain on the 2nd instant. The rains seem breaking up. <i>Haimunt</i> rice is reported as looking very healthy and promising. The young <i>kalai</i> crop is said to be very fine in the plains. Wheat and <i>sarwa</i> are ripening in the hills.
	16 Julpigoree, " 6 "	.95	Much less rain has fallen. It seems as if the rainy season is over. <i>Haimunt</i> rice is flourishing all over the district. The reaping of jute is almost finished; the outturn is rather short. The <i>kalai</i> has suffered somewhat from the late heavy rain which has benefited the paddy.
	Cooch Behar, " 4 "	8.69	The early part of the week was cloudy and rainy; the latter part was fair and cool, with generally bright skies. Weather much cooler. 4.62 at Mathabanga, 7.62 at Mekligunge, and 2.42 at Dinhatia. There has been too much rain, and a long break is now hoped for. Tobacco seedlings have been much injured. Rice on the low lands has also suffered from floods. On the whole, however, prospects are more favorable, and nothing like an apprehension of scarcity exists. Public health is very good.
<i>Eastern Districts.</i>			
Dacca DIV.	17 Dacca, Oct. 6 '77	2.03	Weather—seasonable and getting sensibly cooler. 1.28 at Manickgunge during the week ending 4th, and 3.21 at Moonsheegunge during the week ending 3rd. State and prospects of the crops are favorable.
	18 Farreedpore, " 6 "	.40	There was slight rain in the early part of the week. The weather has now become cool and clear. .88 at Goalundo and 1.47 at Madaripore. There is no prospect of a good <i>amun</i> harvest. The outturn may be anything from a six to a ten-anna crop according to the rainfall. Occasional heavy showers are wanted all through this month.
	19 Backergunge, " 4 "	2.03	The weather has upon the whole been propitious; sunshiny and rainy, alternating with an occasional storm. The prospects of the <i>amun</i> crop continue to be good. There is a good deal of fever all over the district, but the general health average is very fair. The cattle everywhere are healthy.
	20 Mymensingh, " 5 "	5.19	Weather—rainy till within the last few days, since when fine. Prospects of the crops are not favourable. Excessive rain has done considerable mischief.
	21 Tipperah, " 5 "	1.42	Weather—rainy during the first part of the week and fine during the latter part. 3.65 at Brahmanbaria. Prospects of the winter rice crop are good.
CHITTAGONG DIV.	23 Chittagong, " 4 "	2.47	Weather—showery. <i>Amun</i> on the high lands (i.e., one-fourth of the whole crop,) is very good; on the low lands it has been much damaged. Re-planting is going on. These plants will, it is said, do little. According to the Collector's opinion they would give little straw, but he does not see why there should not be a good ear. An eight to a ten-anna crop is expected, which is a fair prospect. The cold-weather crops, brinjal, chillies, &c., are being sown.
	23 Noakholly, " 4 "	2.2	Slight showers of rain throughout the week. Almost all the early rice is reaped. The transplanting of the <i>amun</i> crop is completed. Health is good.
	24 Chittagong Hill Tracts, " 2 "	3.17	Weather—rainy throughout the week. Heavy fogs up to 8 A.M. of the 2nd instant. The gathering of the <i>joom</i> paddy crop still continues. Owing to the heavy falls of rain in this week, the cotton plants have suffered a little. The Assistant Commissioner of Cox's Bazar reports that the prospects of the crops of that sub-division appear to be good.
	Hill Tipperah, " 3 "	1.63	Weather—cooler than for some time past. Rain on three days, but not heavy. The <i>amun</i> crops have been cut and are nearly stored. The <i>amun</i> crops look well. Transplantation is still going on, and the weather is tolerably favourable.
BEHAR.			
PATNA DIVISION.	25 Patna, Oct. 6 '77	2.83	General prospects have much improved. Health is good.
	26 Gya, " 6 "	.16	Weather—bright at the beginning of the week, but cloudy for the last two days. No rain at Nowada and Aurunabad; .86 at Jehanabad. The above rainfall, and that in column 3, refer to the week ending 5 P.M. of the 5th. After that hour, and the morning of the 6th, nearly one inch fell at head-quarters. The sky is still cloudy and more rain is very probable. If there are a couple of inches more rain, the rice outturn will be a fair average and the <i>rubber</i> certainly good. The rain on the night of the 5th has, the Collector understands, brought prices slightly down.
	27 Shahabad, Oct. 6 '77	.16*	There was an hour's mild rain at head-quarters on the evening of the 5th instant. No other rain reported. Sky at present stormy. Temperature much cooler since rain. The <i>khurree</i> crops, where irrigated from canals, are fair; elsewhere they are almost <i>nil</i> . Rain is much wanted for <i>rubber</i> sowings, as there is no moisture in the soil. Canal irrigation is being pushed on; water is being eagerly taken. Unirrigated <i>khuree</i> is being used as fodder.

* 1.20 since reported.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
PATNA DIVISION.	28 Darbhanga, Oct. 5 '77	Nil	The week began with promise of rain, but no rain has fallen. The results of this prolonged drought are most marked in Tajpore, where the rice crop has been considerably injured already. No real damage has as yet been caused in the Sudder or Madhoobani sub-division. Five days of the <i>batis</i> still remain, and if favourable rain fall during these days, there will probably be an excellent winter rice harvest in those sub-divisions. The Collector reports on the 6th—(On the 6th the <i>patia</i> rains began, and during that and the following day heavy rain fell over the western and central portions of the district—5 inches at Tajpore and 7 inches at Darbhanga. At Madhoobani and the western tracts the fall was slight. There is, however, every appearance of more rain. Where heavy rain fell the winter rice crops are sec re.
	29 Mozufferpore, „ 6 „	3.00	Weather cool and clear during the greater part of the week. The sub-divisional reports for the week ending 4th instant state that no rain has fallen, and that the prospects of the rice crop and of <i>rubbee</i> sowings are gloomy. Since night of 5th instant three inches of rain have fallen at Mozufferpore, and if the rain has been general the greater portion of the rice crop should yet give a fair outturn with favourable weather, as, though much stunted and beginning to show signs of withering, the crop has in few places been injured beyond recovery. The harvesting of <i>khadoi</i> crops is not yet completed. <i>Rubbee</i> prospects are now good. Unusually large areas of land have been put under root crops in Hajepore and Mozufferpore sub-divisions.
	30 Saran, „ 6 „	.43	The first five days of the week were hot and dry. On the 5th the weather changed entirely. A very moist east wind brought up light rain. On the day of report (6th) light showers had been falling pretty constantly for four hours and there seemed good reason for hoping for more. The <i>khadoi</i> has been harvested and the manufacture of indigo completed. The former averages six annas throughout, and the outturn of the latter is very good. The <i>rubbee</i> crops entirely depend on the next five days, and, as already stated, the weather looks more propitious. To the west and north-west of the district matters are really bad; but with a change of rain falling, it is premature to consider affairs hopeless even then.
	31 Champarn, „ 9 „	.43	Rain on two days. The beginning of the week was dry and fine, the end was damp and cloudy. Prospects are still very doubtful, but slightly improved by rain begun on the morning of the 7th. '86 on two days at Bettiah. The showers were mostly slow and gentle, but apparently general; rice is aided, also the <i>rubbee</i> preparations. Ploughing is proceeding. Much more rain is needed. The tanks are very low. <i>Mahai</i> is 10 or 11 annas about Bettiah. Some rice in the far north-west is fair.
BAGHPORE DIV.	32 Monghyr, „ 6 „	.17	Weather—hot. No rain at Begoo Serai, and .11 at Jamoos. From all quarters it is reported that the <i>dhau</i> crop requires more rain.
	33 Bhagulpore, „ 7 „	.05	Weather—cloudy and windy. State and prospects of the crops are same as last week.
	34 Purneah, „ 6 „	Nil	More rain is wanted, but the bright days and cool mornings look like the approach of the cold weather. The winter crop promises fairly. If rain falls it will be good. The <i>deories</i> is coming up well.
	35 Maldah, „ 6 „	Nil	Weather—fair. The crops are thriving.
	36 Boudhal Pargha, „ 7 „	3.46	Very heavy rain in Doomska, on the evening of the 6th instant; looked as if not confined to a small area. Apparently coming rain had not reached the sub-division. The verdict is the same everywhere—one shower in Kartik after the 15th of this month will give a great crop. Highland paddy that ripens in Kartik looks unusually good. A diseased growth of <i>dhau</i> called <i>kharka</i> has appeared in some places. It is not likely to do much harm.
ORISSA.			
ORISSA DIV.	37 Cuttack, Oct. 6 '77	.02	Weather—very warm for the time of year. More rain is urgently wanted. <i>Beali</i> crop is estimated at an outturn of 12 annas. It is fast being reaped. <i>Saradh</i> crop is progressing fairly. <i>Rubbee</i> crop is being sown all over the district. Rain is wanted for these early sowings, especially in the Kendrapara sub-division. General health is good. Sporadic cases of cholera in the Sudder sub-division and Jajpore are reported.
	38 Pooree, „ 4 „	1.05	Weather—hot and occasionally cloudy. '28 at Khoordah, and more is urgently wanted. There has been no sufficient rainfall in any part of the district. The <i>saradh</i> rice plants on high lands are reported to be suffering much, and in some places they are gone entirely; those on the low lands, though not in a bad state, now require more rain. Slight rain fell in the tracts between the Chilka and the sea, but the want of sufficient rain is generally felt.
	39 Balasore, „ 5 „	.54	Weather—warm, except at night. More rain is wanted, but as yet the crops have not suffered. The general condition is good.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
	<i>South-West Frontier Agency.</i>		
40	Hazareebagh, Oct. 5 '77	Nil	Weather—unseasonably warm. The break in the rains is causing injury to the rice; much of that grown on the high lands will be lost, as it is drying up; that planted in low land will not give a full return, as the plant requires much moisture about the roots when the seed is young.
41	Lohardugga, „ 6 „	Nil	No rain during the week, but the sky is now overcast with promise of rain. Reports from all parts of the Sudder sub-division up to the present are favourable, but rain is now beginning to be much wanted. The outturn of <i>gora</i> , <i>gundli</i> , and <i>makai</i> has been generally good. The general rice crop so far promises well. In the Palamow sub-division the <i>bhadoi</i> crops are reported as likely to yield only six annas, and the condition of the <i>khurreef</i> crops as very unfavourable for want of rain.
42	Singbhoom, „ 5 „	45	Weather—seasonable. There is want of rain reported generally, and cultivation of the <i>kirsee</i> crops is backward, but prospects of crops in ground are still favourable. The district is healthy.
43	Manbhoom, „ 6 „	Nil	Weather—hot and unusually dry. Prospects of the crops are certainly unfavourable. The break in the rains has been so long that a great deal of the high land transplanted rice is lost. The clouds are hovering about, and it is hoped that rain may fall yet.

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 9th October 1877.RAJENDRA NATH MITRA,*
Offg. Asst. Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood and Salt in the

Number.		DISTRICTS.		QUANTITIES PER RUPEE BY																										
				WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BENGAL MILLST-CUMBOO, RAJMA.														
				Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.									
BENGAL.																														
Western Districts.																														
1	Bardwan	A	12 0	16 0	10 8	30 0	30 0	17 8	13 12	13	23 8	16 0	13 12	24 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Bankoora	B	13 12	13 12	21 8	24 0	24 0	23 0	15 12	16 0	25 0	16 0	17 0	30 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Boerbhoom	C	13 0	13 8	20 0	20 0	20 0	...	11 0	12 4	20 0	14 4	14 0	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Midnapore	D	12 0	16 0	18 0	...	...	...	13 0	16 0	24 0	18 0	18 0	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly	E	12 0	12 0	19 0	...	...	...	8 0	8 0	11 0	11 0	11 0	31 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Howrah	F	11 4	12 8	18 0	...	...	...	9 0	10 0	16 0	11 8	11 8	20 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central Districts.																														
	Calcutta	G	11 8	12 0	18 8	23 0	23 0	22 0	8 0	8 0	9 0	11 8	12 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	24-Pargunnah	H	8 0	...	...	...	...	...	6 8	7 4	8 12	8 8	9 4	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Nuddea	I	13 5	13 5	16 5	29 0	32 0	35 8	10 0	9 12	17 4	10 10	10 10	19 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	J	13 6	13 0	17 12	...	...	32 0	8 0	8 0	16 0	13 8	13 0	30 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Moorshedabad	K	14 0 14 11 to to	15 0 15 0	21 0 22 0	32 0 35 0	32 0 35 0	...	10 0 10 0 to to	9 8 10 0	15 0 15 0	11 0 10 8 to to	13 0 12 11	23 0 23 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Dinapore	L	10 8	13 0	19 8	12 4	25 0	32 8	12 0	18 12	21 0	16 8	19 3	29 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	Rajshabye	M	13 8	14 4	31 0	34 0	40 0	37 8	8 0 8 12 to to	16 0 14 4 to to	19 11 15 0	16 0 15 12 to to	14 4 21 0 to to	26 4 26 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	Rungpore	N	15 0	16 0	32 0	...	...	...	13 11	12 11	14 0	16 0	15 12	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Bogra	O	12 6	12 6	22 8	...	...	...	13 0	13 8	18 0	16 8	16 12	24 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Pubna	P	13 8	15 0	36 4	...	...	...	8 10	8 0	12 8	15 0	13 8	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Darjeeling	Q	8 0	8 0	...	8 0	8 0	...	5 0	6 0	6 0	10 0	12 0	10 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	Sulpigoree	R	11 6	11 6	12 8	...	...	...	10 0	10 0	13 0	13 9	14 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Districts.																														
17	Dacca	S	10 0	10 0	16 0	36 10	35 8	40 0	10 0	10 0	20 11 to 25 0	11 7	12 4	22 0 to 28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Furzedpore	T	14 8	18 0	36 0	30 0	30 0	30 0	10 0	7 0	10 0	12 8	12 0	37 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Backergunge	U	...	...	...	...	...	...	9 0	9 0	19 0	11 0	11 0	33 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Mymensingh	V	9 8	9 8	16 0	...	...	...	9 8	11 12	20 0	12 0	13 0	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

A In the interior the prices range as follow:—Wheat 10 to 12-4 seers, barley 30 to 32 seers, best rice 10 to 12-9 seers, common rice 12 to 15 seers, and gram 12 to 16 seers.

B In the interior the prices range as follow:—Wheat 12 to 14-8 seers, barley 18 to 20 seers, best rice 12 to 16 seers, common rice 15 to 20-8 seers, maize 23 to 22 seers, and gram 12 to 16-8 seers.

C In the interior the prices range as follow:—Wheat 12-8 to 20 seers; best rice 11 to 15 seers, common rice 13 to 16 seers, and gram 14 to 26 seers.

D In the interior the prices range as follow:—Wheat 12 to 13 seers, barley 22 to 31 seers, best rice 7 to 10 seers, common rice 8 to 11-8 seers, and gram 12 to 14-4 seers.

E In the interior the prices range as follow:—Wheat 10-8 to 11 seers, barley 20 to 21 seers, best rice 5 to 7-8 seers, common rice 8-8 to 11 seers, and gram 13-4 seers.

F In the interior the prices range as follow:—Wheat 8 to 12-6 seers, best rice 8 to 10 seers, common rice 11 to 17 seers, and gram 11-4 to 18-4 seers.

G In the interior the prices range as follow:—Wheat 12 to 15 seers, barley 30 to 40 seers, best rice 10 to 12 seers, common rice 11 to 16 seers, and gram 17 to 20-8 seers.

H In Rojgunge the prices are:—Wheat 15 seers, best rice 15 seers, common rice 17-8 seers, and gram 16 seers.

undermentioned Districts of Bengal for the Fortnight ending 30th September 1877.

THE SEER OF 80 TOLAHS.

GREAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RASI OR MURWA AND CHENNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIRKWOOD.			SATR.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	
...	15 0	15 0	25 0	140 0	140 0	170 0	9 4	9 8	9 12	Burdwan.
...	33 0	...	45 0	13 12	16 0	22 0	400 0	400 0	480 0	8 8	8 8	8 12	Bankoora.
...	16 0	19 8	23 0	200 0	200 0	200 0	8 8	8 8	8 4	Beerbhoom.
...	12 0	13 0	22 0	200 0	200 0	180 0	8 12	8 8	8 0	Midnapore.
...	{ 13 8 to 14 0 }	{ 13 8 to 14 0 }	25 0	120 0	120 0	120 0	9 0	9 0	9 0	Hooghly.
...	12 12	14 0	22 8	100 0	110 0	120 0	10 0	10 0	10 0	Howrah.
23 0	24 0	34 0	...	...	...	23 0	25 0	25 0	14 8	14 8	23 0	110 0	110 0	120 0	8 0	8 0	8 0	Calcutta.
...	10 8	14 4	22 0	90 0	85 0	90 0	9 4	8 12	8 12	24-Pergunnahs.
...	17 4	17 4	30 11	90 0	90 0	100 0	9 6	9 6	9 6	Nulda.
...	18 0	20 0	120 0	120 0	120 0	8 0	8 0	8 0	Jessore.
...	{ 17 11 to 18 0 }	{ 17 0 to 20 0 }	31 0	120 0	120 0	180 0	{ 7 0 to 9 0 }	{ 7 0 to 9 0 }	{ 4 0 to 9 11 }	Moorshedabad.
...	13 3	16 0	19 4	180 0	180 0	160 0	8 4	8 4	8 4	Dinapore.
...	19 8	22 8	{ 24 0 to 22 0 }	240 0	240 0	320 0	9 0	9 0	9 0	Rajmahals.
...	15 0	16 0	19 0	107 0	107 0	107 0	8 1	8 1	7 8	Rungpore.
...	12 0	15 11	24 8	80 0	67 8	67 8	8 4	8 4	8 0	Bogra.
...	18 0	16 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	Pubna.
...	8 0	9 0	8 0	20 0	20 0	22 0	6 0	9 0	8 0	160 0	160 0	200 0	5 0	5 0	4 8	Darjeeling.
...	11 6	11 6	16 0	91 6	91 6	160 0	7 7	7 5	7 0	Julpigora.
...	14 8	12 4	22 0	80 0	80 0	100 0	9 0	9 0	9 12	Dacca.
...	20 0	20 0	20 0	...	...	...	9 0	9 0	8 0	Farradpore.
...	16 0	16 0	22 11	100 0	100 0	100 0	8 8	8 8	8 8	Backergunge.
...	11 8	11 8	20 0	...	...	...	8 12	8 12	8 8	Mymensingh.

Eastern Districts.

I In Nattore the prices are—Wheat 10-14 seers, best rice 8-11 seers, common rice 13-8 seers, and gram 15 seers.

J In Gaibanda the prices are as follow :—Wheat 18 seers, best rice 11-4 seers, common rice 11-13 to 15 seers, and gram 18 seers.

K In Berajunge the prices are—Wheat 20 seers, best rice 8-8 seers, common rice 12 seers, and gram 11-8 seers.

L In the interior the prices range as follow :—Wheat 6 to 10 seers, best rice 5 to 11 seers, common rice 10 to 14 seers, Indian-corn 20 to 40 seers, and gram 10 to 18 seers.

M In the interior the prices are as follow :—Wheat 9 to 10 seers, best rice 8 to 12-5 seers, common rice 10 to 20-3 seers, and gram 10 to 11-5 seers.

N In the interior the prices range as follow :—Wheat 16 seers (at Jaffergunge), barley 40 seers (at Jaffergunge), best rice 10 to 11-8 seers, common rice 11 to 13 seers, and gram 10-12 to 18 seers.

O In the interior the prices range as follow :—Wheat 15 seers (at Goalundo), barley 25 seers (at Goalundo), best rice 10 seers, common rice 9 to 13 seers, and gram 10 to 16 seers.

P In the interior the prices range as follow :—Best rice 9 to 10 seers, common rice 10 to 14 seers, and gram 12 to 18 seers.

Q In the interior the prices range as follow :—Wheat 13 to 16 seers, best rice 9 to 13-4 seers, common rice 11-7 to 16 seers, and gram 10-8 to 16 seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood and Salt in the under-

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBOSA MILLER— CUMBOO, RAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts—(Contd.)																			
21	Chittagong	8 0	9 0	12 0	...	...	...	5 8	5 0	10 0	13 0	13 0	17 0	...	...	...
22	Noakhully	...	...	...	...	...	...	9 0	9 0	12 0	12 0	13 0	18 8	...	...	...
23	Tipperah	9 0	10 0	14 0	...	...	...	9 0	10 0	12 0	11 8	13 0	26 0	...	...	...
24	Chittagong Hill Tracts	...	...	...	...	...	...	8 0	8 8	10 0	10 0	10 0	14 8	...	...	...
	Hill Tipperah	10 5	10 5	9 8	...	...	...	13 0	14 5	18 0	15 0	18 0	30 0	...	...	...
	BEHAR.																		
25	Patna	15 0	18 8	24 0	22 0	23 0	29 0	8 12	10 0	13 0	13 0	13 0	19 0	...	...	...
26	Gya	17 0	18 0	18 8	24 0	25 0	25 0	11 0	11 0	11 0	13 8	14 8	18 0	...	...	...
27	Shahabad	14 0	17 0	22 0	19 0	26 0	28 0	10 8	11 8	18 0	11 8	13 8	20 0	...	...	...
28	Durbhanga	14 4	18 8	18 0	27 8	27 8	33 0	12 0	12 8	13 8	14 4	13 8	16 0	...	...	...
29	Mosufferpore	14 0	14 0	20 0	25 0	28 8	30 0	9 0	9 0	12 0	13 0	13 0	15 0	...	...	...
30	Saran	13 0	13 8	21 0	18 0	21 0	31 0	7 0	8 0	10 4	10 0	12 8	19 0	...	...	...
31	Ohamparua	17 0	17 8	22 0	25 0	28 0	30 0	9 0	9 0	8 8	16 0	16 0	18 8	...	...	...
32	Monghyr	12 8	16 8	23 1	21 0	29 4	33 6	8 4	8 4	11 5	10 5	11 10	16 8	...	...	...
33	Bhagalpore	12 8	13 14	20 8	20 3	30 4	27 12	10 14	10 34	17 11	12 10	12 10	18 15	...	...	...
34	Furneah	12 0	16 0	22 0	...	...	...	12 8	13 0	13 0	14 0	17 0	27 0	...	...	...
35	Maldah	14 0	15 0	23 0	23 8	32 0	45 0	15 0	14 0	23 0	16 0	14 8	24 0	30 0	28 0	32 0			
36	Southal Pergunnahs	14 0	13 8	16 0	...	...	...	12 0	12 0	13 0	14 8	20 0	...	...	...	32 0
	ORISSA.																		
37	Cuttack	13 8	13 13	26 4	...	...	...	8 14	7 14	18 6	10 8	12 7	22 5	...	...	...
38	Pooree	11 13	10 8	17 1	...	...	...	7 14	7 14	17 1	11 13	11 13	24 0	...	...	...
39	Balsore	8 8	12 0	18 0	...	...	...	12 0	11 0	21 0	10 0	14 0	32 0	...	...	...
	CHOTA NAGPORE.																		
	South-Western Frontier Agency.																		
40	Hamroobagh	15 8	17 0	18 8	...	...	...	11 0	12 0	13 0	15 8	16 8	21 8	...	...	...
41	Lohardugga	18 0	18 0	18 0	24 0	...	...	18 0	17 0	24 0	20 0	20 0	30 0	...	...	...
42	Singbhoom	26 0	26 0	26 0	40 0	40 8	32 0	20 0	20 0	20 0	26 0	26 0	40 0	...	...	...
43	Manbhoom	14 0	15 0	15 0	30 0	30 0	30 0	16 0	16 0	16 0	19 0	21 0	26 0	...	...	...

* Average price of the district is 17 seers.

B In the interior the prices range as follow:—Best rice 8 to 7 seers, and common rice 10 to 12 seers.

S In the interior the prices range as follow:—Best rice 9 to 12 seers, and common rice 9 to 15 seers.

T In the interior the prices range as follow:—Wheat 19 seers, barley 30 to 32 seers, common rice 15 to 18 seers, lesser millets (at Nowada) 30 seers, maize (at Nowada) 30 seers, and gram 20 to 25 seers.

U In the interior the prices range as follow:—Wheat 19 to 16 seers, barley 16 to 22 seers, best rice 7-8 to 10 seers, common rice 12 to 13 seers, maize 17 to 25 seers, and gram 16 to 19 seers.

V In Tajpore the prices are—Wheat 18 seers, barley 23 seers, best rice 9 seers, common rice 12 seers, maize 25 seers, and gram 16 seers.

W In the interior the prices range as follow:—Wheat 12-8 to 25 seers, barley 22 to 40 seers, best rice 9 to 16-4 seers, common rice 10 to 20 seers, lesser millets 21 to 45 seers, maize 21 to 60 seers, and gram 16 to 40 seers.

X In the interior the prices range as follow:—Wheat 14 to 20 seers, barley 20 to 32 seers, best rice 11 to 13 seers, common rice 13 to 15-19 seers, lesser millets 32 to 43 seers, maize 22 to 30 seers, and gram 17 to 25 seers.

CALCUTTA,

The 9th October 1877.

mentioned Districts of Bengal for the Fortnight ending 30th September 1877.—(Continued.)

THE SEER OF RU TOLAH.

JERAT MILLET— CHOUD, JOWAR.						LESSER MILLET— RAOI OR MUMTA AND CHIRMA.						MAISE OR INDIAN- CORN.						GRAM.						FIRWOOD.						SALT.						DISTRICTS.	
Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.		Present return.		Next preceding return.		Corresponding return of last year.									
Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.						
...	10 0	13 0	14 0	120 0	130 0	130 0	7 4	7 4	7 0	Chittagong.																
...	9 0	10 0	16 0	8 0	7 8	7 0	Naakholly.																
...	11 8	13 8	19 0	9 0	9 0	8 12	Tipperah.																
...	320 0	320 0	300 0	6 6	6 10	6 2	Chittagong Hill Tracts.																
...	11 6	11 5	11 3	8 0	8 0	8 0	Hill Tipperah.																
																																BEHAR.					
...	25 0	27 8	40 0	16 0	19 0	33 0	150 0	150 0	140 0	8 0	8 0	8 0	Patna.																	
...	27 0	...	31 0	24 0	30 8	27 8	21 0	24 8	23 8	160 0	160 0	160 0	7 8	8 0	8 8	Gya.																		
...	...	30 0	40 0	24 0	...	29 0	23 0	29 8	17 0	18 0	31 0	160 0	140 0	160 0	9 0	9 0	9 4	Shahabad.																			
...	26 4	26 4	33 0	29 8	23 4	33 0	20 12	22 0	30 12	170 0	170 0	160 0	8 0	7 8	7 6	Durbhanga.																		
...	25 0	22 8	35 0	19 0	20 8	20 0	140 0	140 0	140 0	8 0	8 0	8 0	Mozufferpore.																		
...	19 0	20 0	32 0	29 8	20 0	34 0	18 0	20 0	31 0	160 0	160 0	160 0	8 8	8 8	8 8	Baran.																		
...	25 0	28 0	28 0	31 0	20 0	20 0	...	...	...	8 0	8 0	7 12	Champanan.															
...	23 1	30 4	41 0	10 8	22 0	35 7	120 0	120 0	147 0	8 4	8 4	8 4	Monghyr.																		
...	22 11	22 11	37 14	16 6	17 11	27 12	139 1	132 8	157 13	8 13	8 13	8 13	Ruhgaipore.																		
...	13 0	14 8	...	25 0	160 0	160 0	160 0	8 8	8 0	8 0	Purneah.																	
...	30 0	30 0	50 0	16 0	18 0	35 0	130 0	130 0	130 0	8 4	8 4	8 4	Maidah.																		
...	32 0	20 0	23 4	19 0	200 0	200 0	240 0	8 0	8 0	8 0	Southal Pergha.																	
																																ORISSA.					
...	20 5	20 10	26 4	...	...	...	13 2	14 2	26 4	200 0	180 0	200 0	10 8	10 4	13 0	Cuttack.															
...	11 13	11 13	21 0	126 0	126 0	126 0	10 0	10 8	11 13	Pooree.																		
...	10 8	10 8	13 0	100 0	100 0	160 0	7 0	7 0	9 0	Balasore.																		
																																CHOTA NAGPORE.					
																																South-Western Frontier Agency					
...	32 0	24 0	30 0	30 0	36 0	...	18 0	22 0	21 8	240 0	240 0	240 0	8 0	8 0	7 8	Hazareebach.																		
...	36 0	38 0	50 0	...	...	50 0	22 0	22 0	14 0	160 0	160 0	180 0	6 12	7 0	6 12	Lohardugga.																
...	28 0	28 0	20 0	320 0	320 0	320 0	6 8	8 0	6 12	Singbhoon.																		
...	04 0	04 0	04 0	40 0	40 0	40 0	10 0	10 0	18 0	160 0	160 0	240 0	8 0	8 0	8 0	Masbhoon.																		

Y In the interior the prices range as follow:—Wheat 18 to 21 seers, best rice 13-12 to 21 seers, common rice 15-8 to 22 seers, munda 30 to 40 seers, and gram 19 to 25 seers.

Z In the interior the prices range as follow:—Wheat 12 to 14 seers, best rice 13 seers, common rice 10 to 30 seers, and gram 12 to 18 seers.

21 In the interior the prices range as follow:—Wheat 13-8 to 19 seers, barley 26 to 31-4 seers, best rice 12 to 18 seers, common rice 14 to 22 seers, munda 30 to 50 seers, and gram 16 to 20 seers.

22 In Khordah the prices are:—Wheat 9-8 seers, common rice 11-13 seers, and gram 15-12 seers.

23 In the interior the prices range as follow:—Wheat 18-8 to 18 seers, barley 22 to 30 seers, best rice 13 seers, common rice 15 to 17 seers, lesser millets 30 to 36 seers, Indian-corn 25 to 27-8 seers, and gram 18 to 24 seers.

24 At Daitonganga, the head-quarters of the Palamow sub-division, the prices of the food-grains on the 27th September were:—Wheat 26 seers, best rice 13 seers, and common rice 10-7 seers. At Lohardugga the prices on the 24th were:—Wheat 27 seers, best rice 22 seers, and common rice 24 seers.

25 In the interior the prices range as follow:—Wheat 13 to 17 seers, best rice 14 to 28 seers, common rice 15 to 30 seers, Indian-corn 40 seers, and gram 13 to 20 seers.

Published for general information.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Fire-wood, and Salt

Number.	MARKS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BURRUSH MILLER-CUMBOO RAJA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 12 6	2 14 0	...	1 10 6	1 10 6	...	5 0 0	4 12 0	...	3 12 6	3 6 0	...	...	...	...
		to	to					to	to		to	to				
		4 0 0	3 3 0					5 4 0	5 4 0		4 12 0	5 0 0				
2	Berajunge.*															
3	Dacca ...	4 2 0	3 12 0	...	0 14 0	1 1 0	...	4 0 0	4 0 0	...	3 6 0	2 12 0	...	...	...	...
4	Narsingunge...							3 10 0	3 4 0	...	3 4 0	2 12 0	...	...	...	...
5	Chittagong ...							7 0 0	7 0 0	...	5 0 0	3 0 0	...	...	...	...
6	Patna ...	2 11 0	2 4 7	...	1 13 0	1 11 10	...	4 3 6	3 13 0	...	2 14 0	2 13 0	...	...	...	...
7	Balasore ...							2 7 4		...	2 4 8		...	...	...	...
8	Pooree ...									...	3 0 0	3 0 9	...	...	...	...
9	Cuttack ...	2 15 8	3 0 9					4 6 0	4 11 3	...	3 10 0	3 0 9	...	...	...	...

* Return not received.

CALCUTTA,
The 9th October 1877.

in the undermentioned *Marts* of Bengal for the Fortnight ending 30th September 1877.

OF 40 SEERS.

GREAT MILLET— CHOLU, JOWAR.			LOWER MILLETS— RAGI OR MURWA AND CHENNA.			MAIZE OR INDIAN CORN.			GRAM.			PINEWOOD.			BALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 10 61	73	...	...	...	...	1 10 61	70	...	3 12 02	13 0	...	0 8 00	80	...	4 0 01	00	...	Calcutta.
									2 16 03	00	...							Serajungge.*
...	...	...	...	...	...	...	...	...	2 10 03	20	...	0 8 00	80	...	4 2 04	20	...	Dacca.
...	...	...	...	...	...	...	...	...	3 8 08	20	...	0 4 00	80	...	4 2 04	28	...	Naraingunge.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.
...	...	...	...	...	...	1 11 01	65	...	2 1 82	00	...	...	...	...	...	...	...	Patna.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	0 4 00	40	...	3 12 08	10	...	Pooree.
...	...	...	1 15 31	14 6	...	...	...	...	2 15 33	12 3	...	0 3 40	34	...	3 8 08	40	...	Cuttack.

Published for general information.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

Weekly Report of Rainfall compiled at the Meteorological Reporter's Office.

DIVISION.	DISTRICTS.	STATIONS.	RAIN FROM 1st	RAIN FROM 23rd	RAIN FROM 1st		REMARKS.	
			16th Sept. to 22nd 1877.	RAIN FROM 23rd to 29th Sept. 1877.	JANUARY 1877.	INCHES.		UP TO DATE.
BENGAL.	WESTERN DISTRICTS.		Inches.	Inches.	1877.			
		Burdwan	Burdwan	Nil	0.04	48.05	30th Sept.	
			Culwa	0.00	0.20	02.89	ditto	
			Culina	Nil	0.47	50.00	ditto	
			Bood-Bood	0.13	Nil	45.24	ditto	
			Rauegunar	0.87	0.80	54.70	ditto	
			Jehanabad	4.14	0.01	76.31	ditto	
		Bankoora	Bankoora	0.03	0.13	50.90	ditto	
			Beerbhoom	Nooree	1.71	0.23	55.55	ditto
		Holampore		0.54	0.30	53.23	ditto	
	Royপুর	0.11		1.00	49.94	ditto		
	Midnapore	Midnapore	Nil	0.78	42.55	ditto		
		Tumlook	ditto	0.40	43.30	ditto		
		Ghatal	ditto	0.99	58.71	ditto		
		Contai	{ Dy. Collr.'s Office.	ditto	2.80	71.73	ditto	
	Hooghly	{ Exe. Engr.'s Office	Hooghly	ditto	2.41	62.00	ditto	
			Saratpore	ditto	0.41	50.98	ditto	
			Howrah	ditto	Nil	50.04	ditto	
	Howrah	Howrah	ditto	0.15	58.55	ditto		
		Malleshwara	ditto	0.45	59.17	ditto		
	PRESIDENCY.	CENTRAL DISTRICTS						
			24 Pargunnahs	Saugor Island	ditto	2.60	80.04	ditto
		Calcutta		Not recd.	Not recd.	57.25	15th Sept.	
		Alipore { Dispensary		0.13	0.05	62.68	24th "	
		Alipore { Jail		0.10	0.70	62.10	ditto	
Buzarclint		0.03		1.00	57.10	ditto		
Barasat		Nil		1.81	52.58	ditto		
Diamond Harbour		0.35		1.01	63.53	ditto		
Barrapore		Not recd.		3.19	67.55	ditto	Not received 10th to 22nd September.	
Sathkira		1.33		1.22	70.03	ditto		
Barrackpore		Not recd.		Nil	52.06	ditto	Ditto ditto.	
Nudda		Dum-Dum	ditto	0.02	50.53	ditto		
		Kishningbur	0.02	0.08	05.91	ditto		
		Dungone	0.30	0.32	72.09	ditto		
		Meherpore	0.02	1.74	72.66	ditto		
		Choodanga	Nil	0.50	72.62	ditto		
		Koachien	1.10	5.77	85.20	ditto		
		Ranghat	Nil	0.24	01.42	ditto		
		Jessore	ditto	1.15	63.19	ditto		
		Narail	0.48	1.29	65.39	ditto		
		Khoelna	0.48	0.81	08.44	ditto		
Jessore		Jhemda	Nil	0.20	71.92	ditto		
		Bighat	2.00	1.01	75.38	ditto		
		Mazmorah	0.10	1.43	79.18	ditto		
		Berhampore	0.15	1.45	60.43	ditto		
	Banpur Haut	0.72	1.03	50.07	ditto			
	Lalbagh	0.26	2.85	63.62	ditto			
	Jungpore	2.00	2.80	50.91	ditto			
	Azamungge	0.91	1.75	55.28	ditto			
	Lalgola	0.53	2.03	49.87	ditto			
	Kandee	0.90	0.31	57.15	ditto			
RAJSHAHYE.	Dinagore	Dinagore	1.20	0.80	64.81	ditto		
		Raigunge	0.13	Not recd.	55.11	22nd Sept.		
		Maldah	0.14	0.05	09.51	29th "		
	Rajshahye	Chamohat	0.10	0.21	52.94	ditto		
		Banish	0.58	5.45	74.56	ditto		
		Natore	0.13	4.51	77.27	ditto		
	Rangpore	Rangpore	4.49	3.03	80.75	ditto		
		Bhabanigunge	2.54	1.27	55.74	ditto		
		Kurigram	2.73	3.38	75.47	ditto		
	Hogra	Ragdogra	Not recorded.		24.08	2nd June		
Hogra		2.58	7.40	70.43	29th Sept.			
Sherpore		1.90	5.53	73.91	ditto			
COCH BEHAR.	Hogra	Nowshilla	1.99	8.27	70.87	ditto		
		Panchabibi	Not recd.	0.88	48.84	ditto	Not received 10th to 22nd September.	
		Hatulya	0.15	0.02	52.04	ditto	Ditto 2nd to 8th September and not recorded 9th to 15th September.	
	Patna	Patna	0.53	7.35	95.53	ditto		
		Serajunge	3.55	3.40	71.42	ditto		
	Darjeeling	Darjeeling { Telegraph Office	3.48	Not recd.	98.13	22nd Sept.		
		Darjeeling { Hospital	3.48	1.86	103.64	29th Sept.		
	Jalpigore	Jalpigore	8.98	3.30	93.15	ditto		
		Bodab	4.20	7.45	94.88	ditto		
		Buxa--Civil Surgeon's Office	4.08	13.85	181.18	ditto		
Titalya		4.73	3.31	85.62	ditto			
Cooch Behar Tributary States.	Cooch Behar	8.19	7.22	108.02	ditto			

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 18th to 22nd Sept. 1877.	Rain from 23rd to 28th Sept. 1877.	RAIN FROM 1st JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
BENGAL—continued.							
EASTERN DISTRICTS.			Inches.	Inches.	1877.		
Dacca.	Dacca	Dacca { Telegraph Office ..	0.38	2.25	80.61	20th Sept.	
		Dacca { Hospital ..	Nil	2.47	84.39	ditto	
	Moonshesgunge	Moonshesgunge ..	ditto	3.51	122.34	ditto	
		Moonshesgunge ..	0.35	1.63	77.75	ditto	
	Furzedpore	Furzedpore ..	Nil	2.92	93.46	ditto	
		Godhundo ..	2.30	2.92	85.47	ditto	
		Madhuripore ..	1.05	4.14	89.41	ditto	
	Backergunge	Bornail ..	1.12	2.79	86.4	ditto	
		Perazepore ..	Nil	2.20	92.10	ditto	
		Patoukhaily ..	1.21	1.95	100.33	ditto	
		Bhola ..	Nil	3.26	94.06	ditto	From 4th February
Chittagong.	Mymensingh	Mymensingh ..	1.72	8.21	109.01	ditto	
		Jamulpore ..	1.08	4.54	83.98	ditto	
		Atia ..	1.91	5.91	85.22	ditto	
		Kishoregunge ..	0.34	8.55	80.00	ditto	
	Chittagong	Chittagong { Telegraph Office ..	0.40	0.50	168.50	ditto	
		Chittagong { Jail ..	0.18	0.50	12.43	ditto	
		Cox's Bazar ..	0.35	0.18	147.03	ditto	
	Noakhully	Noakhully ..	0.49	4.16	120.59	ditto	
		Fenny ..	1.07	4.49	121.61	ditto	
	Tipperah	Comilla ..	0.10	3.43	100.34	ditto	
		Brakhaunbarah ..	Nil	3.90	86.00	ditto	
Chittagong Hill Tracts		Rungamtee Hill ..	4.64	3.53	128.57	ditto	
Hill Tipperah		Hill Tipperah ..	0.10	1.54	79.37	ditto	
BEHAR.							
Patna.	Patna	Patna ..	0.03	Nil	95.20	ditto	
		Bohar ..	Nil	ditto	39.71	ditto	
		Barh ..	ditto	0.23	31.92	ditto	
		Dinapore { Jail ..	ditto	0.10	16.74	ditto	
			Dinapore { Contonment ..	ditto	0.10	18.50	ditto
		Gya	Gya ..	ditto	Nil	41.69	ditto
Nowaduh ..	ditto		ditto	44.04	ditto	Not recorded 18th to 24th February.	
Aurangabad ..	ditto		ditto	27.13	ditto	12th Jan. and 4th to 10th February	
Jehanabad ..	ditto		0.19	24.04	ditto		
Shahabad	Arrah ..	ditto	Nil	25.54	ditto		
	Sasseram ..	ditto	ditto	25.72	ditto		
	Buxar ..	0.02	0.07	18.28	ditto		
	Bhuhawal ..	Nil	Nil	25.14	ditto	Not recd 20th August to 1st Sept.	
Muzafferpore	Muzafferpore ..	ditto	ditto	22.12	ditto		
	Hajepore ..	ditto	ditto	29.44	ditto		
	Sootamurhee ..	ditto	ditto	33.78	ditto		
Durbhanga	Durbhanga ..	0.38	ditto	45.19	ditto		
	Mudhuobunnee ..	Nil	ditto	44.31	ditto		
	Tajpore ..	ditto	ditto	20.59	ditto		
Saran	Chupra ..	ditto	0.37	24.07	ditto		
	Sowan ..	0.03	0.24	24.78	ditto		
Chumparan	Motiharee ..	Nil	Nil	25.88	ditto		
	Bettiah ..	ditto	ditto	31.09	ditto		
	Segowlie ..	ditto	ditto	36.51	ditto		
Monghyr	Monghyr ..	ditto	ditto	35.45	ditto		
	Begoonahat ..	ditto	ditto	34.42	ditto		
	Jamsoee ..	ditto	ditto	32.23	ditto		
Bhagulpore	Bhagulpore ..	ditto	ditto	40.39	ditto		
	Sospool ..	0.06	0.56	43.22	ditto		
	Muddehpooza ..	Nil	Nil	47.84	ditto		
	Bauka ..	ditto	ditto	38.50	ditto		
	Bonbura ..	1.21	ditto	38.70	ditto		
Purneah	Purneah ..	0.03	0.07	54.38	ditto		
	Khasengung ..	1.11	5.06	65.15	ditto		
	Arrarwah ..	0.32	4.70	58.31	ditto		
Southal Pergunnah	Nya Doonaka ..	1.32	0.46	58.19	ditto		
	Rajmahal ..	Nil	Nil	51.90	ditto		
	Doughar ..	Not recd.	0.21	37.11	ditto	Not received 1st to 7th July, 5th to 11th August, and 18th August to 1st Sept. and 18th to 22nd Sept.	
	Godda ..	Nil	0.61	40.94	ditto		

DIVISIONS.	DISTRICTS.	STATIONS.	Rain from 1st to 22nd Sept. 1877.	Rain from 23rd to 29th Sept. 1877.	Rain from 1st JANUARY 1877.		REMARKS.
					Inches.	Up to date.	
ORISSA.							
Orissa.	Cuttack	Cuttack... { Telegraph Office	0'80	1'50	35'10	20th Sept.	
		Cuttack... { Hospital	0'47	1'39	38'08	ditto	
		Jajpore	Nil	1'30	48'50	ditto	
		Kendraparah	0'10	1'00	49'20	ditto	
		Jagatsingapore	0'70	2'60	52'25	ditto	
		Fales Point	Nil	3'05	77'20	ditto	
	Poores	Poores	0'52	3'08	80'38	ditto	
		Khurda	0'30	0'82	39'56	ditto	
	Balasore	Balasore... { Exc. Engr.'s Office	Not recd.	Not recd.	57'49	8th Sept.	
		Balasore... { Collector's Office	Nil	1'35	63'40	20th Sept.	
		Bhadra	0'35	2'30	55'45	ditto	
		Jellasore	Nil	2'51	64'17	ditto	
		Sorah	ditto	1'30	54'07	ditto	
	Chandbally	0'50	0'62	51'25	ditto		
Cuttack Tributary Mehals	Sambalpor	0'21	Nil	65'24	ditto		
CHOTA NAGPORE.							
SOUTH-WESTERN FRONTIER AGENCY.							
Hazareebagh	Hazareebagh... { Jail	Nil	0'17	43'68	ditto		
	Hazareebagh... { Dispensary	ditto	0'18	44'66	ditto		
	Pachamba	1'50	Nil	43'21	ditto		
Lohardugga	Ranches	Nil	0'10	57'05	ditto		
	Palamow	ditto	Nil	43'59	ditto		
Singbhoom	Chyabanza	0'38	0'06	65'79	ditto		
Manbhoom	Purulia	0'53	0'51	60'21	ditto		
	Goviudpore	Nil	Nil	43'15	ditto		
Not received 2nd to 5th Sept.							
ASSAM & ADJACENT HILLS.							
Sylhet	Sylhet	2'18	2'52	150'35	ditto		
Sibsagar	Sibsagar	1'55	Not recd.	82'27	22nd Sept.		
	Golaghat	0'29	ditto	65'42	ditto		
	Jorhat	2'70	ditto	60'19	ditto		
	Deopahie	Not recd.	ditto	73'02	18th Sept.		
	Hattie Pootie	ditto	ditto	68'96	ditto		
	Mazangah	ditto	ditto	64'42	ditto		
	Nazira	ditto	ditto	57'04	ditto		
	Suntock	ditto	ditto	69'23	ditto		
	Cherideo	ditto	ditto	64'19	ditto		
	Akyab	2'20	0'20	135'01	29th Sept.		
Rajpootana	Atwar	0'05	Nil	1'05	ditto		
	Jaipur	Nil	ditto	7'24	ditto		
	Sambhar	ditto	ditto	5'45	ditto		
Not received 27th May to 25th Aug.							

CALCUTTA,
The 6th October 1877.

JOHN ELIOT, M.A.,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 30th Sept. to 6th Oct. 1877.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	Thermometer.		Humidity Sat. = 100.	Wind.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORE.	Sept. 30th	10	29.944	29.955	84.7	79.8	79	W S W	5.8	.....	K, CK, FK	c
		16	29.910	29.931	86.2	81.9	83	S W	10.8	.....	P, FK	c, g
	Oct. 1st	10	29.890	29.911	85.2	80.3	79	W S W	5.8	.....	CK,	c
		16	29.759	29.780	89.8	84.2	71	S W by S	8.2	.....	K, FK	c, g
	2nd	10	29.893	29.911	88.6	84.8	76	E N E	4.5	.....	P	c, g
		16	29.788	29.818	78.1	73.0	78	S by W	6.7	0.70	C, PC	c, b
	3rd	10	29.922	29.944	82.2	73.5	2.5	E by N	2.5	.....	.....
		16	29.823	29.844	85.0	79.2	5.3	S W by W	3.3	.....	K, C	
	4th	10	29.937	29.959	82.7	76.0	73	S E	3.3	.....	CK, FK	
		16	29.832	29.853	86.8	78.7	69	W	5.8	.....	K, PK	c
	5th	10	29.940	29.961	85.0	77.8	72	S K	2.0	.....	K	c
		16	29.818	29.834	88.0	77.8	62	W	3.8	.....	K	c
SAMSON LEAF.		10	29.979	29.993	85.5	77.5	66	S E	3.8	.....	K	c
		16	29.875	29.897	83.0	76.0	72	S	6.3	.....	K	c
	Sept. 30th	10	29.956	29.962	87	81	80	S S W	11.8	.....	P, FK	b, w
		16	29.830	29.866	87	82	80	S S W	10.7	.....	KS	b, v
	Oct. 1st	10	29.896	29.902	89	83	80	S W	13.4	.....	FK, KS	b, v
		16	29.778	29.804	88	86	88	S	11.4	.....	FK, KS	b, v
	2nd	10	29.895	29.901	88	88	80	S S W	9.5	.....	P	b, v
		16	29.774	29.780	81	77	83	S E	14.5	.....	P	b, v
	3rd	10	29.897	29.908	88	81	73	N N E	4.6	.....	PK	b, v
		16	29.823	29.828	87	80	72	N N W	4.6	.....	P	b, v
	4th	10	29.826	29.831	88	81	78	N E	4.7	.....	PK	b, v
		16	29.830	29.838	88	84	84	S W	4.6	.....	PK	b, v
CHITTAGONG.		10	29.941	29.947	85	82	87	N N W	3.0	.....	P	b, v
		16	29.827	29.833	86	79	72	S S W	6.6	.....	.....	b, v
		10	29.980	29.986	87	80	73	S E	5.1	.....	P	b, v
		16	29.877	29.883	87	83	80	S S E	9.6	.....	P	b, v
	Sept. 30th	10	29.927	29.920	81	79	91	C	5.3	2.10	PK	c
	Oct. 1st	10	29.885	29.879	77	75	91	E N E	3.8	0.80	PK	c
	2nd	10	29.849	29.841	83	78	79	N E	2.4	.....	.....	b, v
	3rd	10	29.857	29.849	85	79	78	S S E	1.9	.....	CK	b, v
	4th	10	29.867	29.859	84	76	76	S E	1.9	.....	K	b, v
	5th	10	29.870	29.863	83	77	76	E N E	3.4	.....	K	b, v
	6th	10	29.914	29.906	84	77	72	E	3.3	.....	.....	b, v
ARAB.	Sept. 30th	10	29.991	29.992	87	82	80	E	1.1	0.60	CK, P	
	Oct. 1st	10	29.961	29.982	86	81	80	N W	1.1	0.20	CK	
	2nd	10	29.924	29.946	80	73	70	S E	2.9	0.60	CK, P	
	3rd	10	29.937	29.959	76	75	95	S	2.3	0.10	P	d
	4th	10	29.938	29.957	85	79	76	E	1.9	.....	CK	
	5th	10	29.953	29.974	83	78	79	N E	1.8	.....	CK	
	6th	10	29.974	29.993	86	79	72	N W	1.4	.....	C	
CUTTACK.	Sept. 30th	10	29.885	29.907	87	78	65	S W	2.0	.....	K, PK, C	
	Oct. 1st	10	29.753	29.823	88	81	69	S W	2.6	.....	C, K, CK	
	2nd	10	29.809	29.890	90	82	70	W	1.9	.....	C, CK	c
	3rd	10	29.845	29.927	87	77	62	S S W	3.0	.....	.....	b
	4th	10	29.885	29.947	87	79	69	N E	1.6	.....	C, CK	c
	5th	10	29.885	29.943	85	78	62	E	1.3	.....	PK, C	
	6th	10	29.887	29.969	85	77	68	W N W	1.3	.....	K, PK, C	
VILGAPATAM.	Sept. 30th	10	29.934	29.965	86	80	76	E	1.0	.....	C	
	Oct. 1st	10	29.919	29.950	88	79	66	W S W	2.6	.....	.....	a
	2nd	10	29.901	29.933	87	81	76	W N W	4.3	.....	C	
	3rd	10	29.924	29.965	86	78	68	W	2.9	0.10	.....	b
	4th	10	29.918	29.947	89	83	73	S E by S	1.6	.....	C	
	5th	10	29.921	29.952	87	80	73	S E	1.4	.....	.....	b
	6th	10	29.931	29.962	87	79	69	S E by E	1.3	.....	.....	b
MADRAS.	Sept. 30th	10	29.928	29.950	88	78	62	S E by E	3	0.01	C	c
		16	29.821	29.844	81	77	63	S E	6	.....	.....	cloudy
	30th	10	29.922	29.916	79	75	67	S	6	0.04	.....	c
		16	29.849	29.873	88	75	67	S E by S	9	.....	.....	cloudy
	Oct. 1st	10	29.923	29.904	88	78	69	S S W	12	.....	.....	c
		16	29.839	29.861	87	76	58	S E by S	11	.....	.....	c
	2nd	10	29.923	29.974	90	78	60	S W by S	14	.....	.....	b
		16	29.829	29.831	87	78	65	S E by S	11	.....	.....	b
	3rd	10	29.911	29.933	86	75	68	W by N	9	.....	.....	c
		16	29.877	29.899	87	77	63	K N E	8	.....	.....	b
	4th	10	29.977	29.999	90	77	53	S W	5	.....	.....	c
		16	29.860	29.873	82	77	79	S by W	4	0.67	.....	c
COLOMBO.		10	29.940	29.963	90	80	63	W S W	5	.....	.....	sa
		16	29.806	29.830	85	78	73	S E by E	9	.....	.....	b
	Sept. 30th	10	29.987	29.989	81	77	63	S W	1.6	2.50	.....	c
	Oct. 1st	10	29.987	29.908	84	78	75	S by E	6.0	.....	C	
	2nd	10	29.958	29.939	84	78	75	S	6.2	.....	C	
	3rd	10	29.995	29.935	85	79	76	S W	2.6	.....	C	
	4th	10	29.905	29.945	86	78	73	S by W	2.5	0.30	.....
	5th	10	29.896	29.937	79	76	87	C	.....	1.10	.....	c
	6th	10	29.893	29.934	79	75	87	S W	10.0	0.40	.....	c, v

* Velocity of wind in miles per hour.

JOHN ELIOT, M.A.,

Meteorological Reporter to the
Government of Bengal.CALCUTTA,
The 6th October 1877.

Abstract of Observations as received in the Meteorological Office, Calcutta, during the month of July 1877.

N.B.—The Barometric data are reduced for temperature and not for height above sea-level.

STATIONS.	BAROMETER.			RADIATION THERMOMETERS.										TEMPERATURE OF AIR.										VAPOUR TENSION.				HUMIDITY.		HAIN-FALL.	
	Height above sea-level.	MEAN OF			SOLAR.		GROSS NOCTURNAL.		Mean daily range.	Mean of min.	MEANS OF			HIGHEST MAX.		Absolute range.	LOWEST MIN.	MEAN.	MEANS OF		MEANS OF		From minima.	10 hours.	16 hours.	From minima.	10 hours.	16 hours.			
		10 hours.	16 hours.	Range.	Above max. in shade.	Max.		Mean.			Below min. in shade.	D-y.	Min.	10 hours.	16 hours.				Day.	Night.	10 hours.	16 hours.							10 hours.		16 hours.
						Day.	Night.																								
Bombay	335	29.255	29.241	29.232	119	149.6	58.6	23rd	18th	72.8	90.8	13.0	77.8	83.4	88.6	87.9	11th	97.5	23.7	78.9	88.9	96.1	98.9	...	83	87	76	17.86	31		
Calcutta	336	29.200	29.186	29.172	103	143.9	58.1	13th	18th	73.9	97.9	11.1	76.6	81.4	87.4	88.6	11th	94.8	30.8	74.6	87.3	95.0	98.8	...	83	87	76	17.86	31		
Delhi	336	29.200	29.186	29.172	103	143.9	58.1	13th	18th	73.9	97.9	11.1	76.6	81.4	87.4	88.6	11th	94.8	30.8	74.6	87.3	95.0	98.8	...	83	87	76	17.86	31		
Punjab	135	29.450	29.438	29.407	091	141.9	60.4	11th	18th	76.4	90.8	12.0	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Durbin	400	29.277	29.263	29.232	088	148.2	59.7	18th	18th	76.7	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Panama	179	29.371	29.358	29.327	088	156.7	61.6	20th	18th	76.7	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Gy	847	29.159	29.146	29.115	088	156.7	61.6	20th	18th	76.7	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Hazratnagar	2,010	27.806	27.793	27.762	070	148.1	56.2	11th	18th	73.9	97.9	11.1	76.6	81.4	87.4	88.6	11th	94.8	30.8	74.6	87.3	95.0	98.8	...	83	87	76	17.86	31		
Behar	20,618	28.558	28.545	28.514	065	143.1	53.8	3 & 4th	18th	76.4	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
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Behar	20,618	28.558	28.545	28.514	065	143.1	53.8	3 & 4th	18th	76.4	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Behar	20,618	28.558	28.545	28.514	065	143.1	53.8	3 & 4th	18th	76.4	90.8	10.3	78.8	83.1	88.6	87.9	11th	99.3	33.8	78.1	88.9	97.1	98.8	...	83	87	76	17.86	31		
Behar	20,618	28.558	28.545	28.51																											

CALCUTTA--JULY 1977.

Mean barometric pressure of 24 years	20.636	Mean temperature of 24 years
Ditto ditto of 1877	20.688	Ditto ditto of 1877
Excess in 1877	0.052	Defect in 1877

85	Mean rainfall of 49 years ...	12.87
86	Actual fall in 1877 ...	16.91
4	Excess in 1877 ...	4.04

CALCUTTA, .
The 6th October 1877.

• JOHN ELIOT, M.A.,
Meteorological Reporter to the Govt.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Results and Cloud Observations.

STATIONS.	Mean barometric pressure reduced to sea-level.	Mean temperature reduced to sea-level.	WIND.										Percentage and Resultant.	Mean velocity daily.	Mean clouds.
			North.	North-east.	East.	South-east.	South.	South-west.	West.	North-west.	Calm.	Variable.			
Seebaugor	29.616	84.1	1	9	10	8	6	19	12	■	...	...	25 S 38° W	85.2	9.62
Gosipara	585	82.3	1	2	19	6	3	4	2	3	29	...	19 S 63° E	77.2	7.92
Darjuling	...	...	1	...	...	1	21	13	14	2	...	...	71 S 60° W	...	9.50
Purneah	586	83.4	...	6	18	13	3	7	9	7	...	...	25 S 60° E	76.7	7.85
Darbhanga	442	84.6	...	6	24	8	2	6	9	8	...	...	23 S 70° E	102.5	8.19
Patna	549	86.9	...	3	35	...	...	1	24	1	1	...	15 N 61° E	35.0	8.95
Gya	539	87.8	...	8	4	9	1	16	9	14	1	...	23 S 78° W	104.9	8.10
Hazareebagh	563	85.0	1	8	4	5	1	6	23	20	...	...	52 N 74° W	249.0	9.60
Berhampore	583	83.6	9	7	7	4	10	17	9	3	...	...	31 S 19° W	127.3	9.06
Burdwan	576	84.2	3	1	6	9	14	10	14	6	1	...	38 S 32° W	103.0	8.67
Bassora	583	82.3	2	2	3	7	19	11	14	4	...	...	47 S 29° W	87.0	8.26
Dacca	599	83.8	...	...	6	18	83	3	1	...	2	...	80 S 18° E	171.4	9.23
Shichar	647	89.1	5	7	6	1	3	8	2	31	...	...	16 N 5° E	70.8	9.21
Chittagong	654	81.6	...	...	7	17	17	13	6	...	...	...	62 S 8° E	187.2	8.82
Dumagree	...	...	...	2	2	16	8	2	1	4	27	...	31 S 30° E	...	6.48
Calcutta (Alipore.)	610	81.8	3	3	6	13	47	33	10	4	...	...	62 S 12° W	140.7	8.16
Saugor Island	599	84.3	3	1	...	5	40	57	12	6	...	...	74 S 35° W	312.8	8.93
Outack	627	85.1	...	1	1	3	11	19	24	2	1	...	73 S 56° W	106.3	8.10
Faiko Point	641	83.6	...	...	...	3	8	49	35	16	12	2	69 S 68° W	...	7.15
Vizagapatam	673	88.3	3	...	...	7	19	17	35	46	...	...	58 S 89° W	30.7	2.44
Madras	799	86.4	...	...	...	6	24	29	4	...	...	...	81 S 22° W	222.0	6.30
Ahyab	695	80.4	...	6	7	6	18	31	3	2	...	...	52 S 8° W	92.8	9.18
Port Blair	846	81.6	...	...	...	...	...	29	24	...	...	...	93 S 62° W	...	8.40
Nanooerry	891	82.3	...	...	...	...	...	62	10	...	...	...	96 S 52° W	302.8	5.69
Roorkee	805	91.1	1	1	8	16	...	8	7	38	4	...	25 N 61° W	91.1	4.30
Allahabad	586	91.7	3	7	6	4	1	11	14	16	1	...	32 N 66° W	109.2	7.10

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 17. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table,—“Prof. papers on Indian Engineering, No. OXIII.” The temperatures at the sea-level are taken from column 11 of the above table.

Temperature.—The temperatures in column 3 are reduced from those in column 17 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Cloud.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 10.

The above, being all comparable, afford the data for constructing a meteorological chart for the month which will show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

JOHN ELIOT, M.A.,

Meteorological Reporter to the Govt. of Bengal.

CALCUTTA,

The 6th October 1877.

**Results of the Meteorological Observations taken at the Alipore Observatory from
30th September to 6th October 1877.**

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 39° Falt.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		☉	Inches.	☉	☉	☉	☉	☉	Inch.	☉	%.		Inch.		
Sept.	30th	147.0	29.885	82.3	88.0	9.0	79.0	79.8	0.985	78.8	89	Till 1½ P.M. W S W through S W, till midnight S W by S back again through S W.	162	Nil.	Cloudy till 4½ P.M.; o & g; night clear.
Oct.	1st	150.8	29.814	82.6	89.8	10.9	78.9	78.8	.936	77.2	84	Chiefly S W by S & W S W.	134	...	Chiefly clear till evening; night cloudy; l, t, o & g.
"	2nd	139.0	.850	78.7	88.2	11.2	77.0	78.6	.857	76.6	81	Till noon E S E through W & N, till midnight S through S E.	92	0.70	Cloudy till 7½ P.M.; rain at 10.7 A.M.; 1, 2, 3, 4 at 10 A.M.; t, o & g; night clear.
"	3rd	137.0	.876	77.9	85.2	13.9	71.9	74.2	.797	72.4	83	Chiefly S & S S E	60	Nil.	Clear.
"	4th	151.8	.994	79.9	87.7	8.0	78.8	79.4	.804	74.8	85	Till 12 A.M. E S E through S E, till midnight veered to W by N through S W & W.	63	...	Chiefly clear.
"	5th	152.4	.882	80.5	88.0	13.7	71.9	76.9	.880	76.0	83	Chiefly W	47	...	Ditto.
"	6th	149.3	.934	79.8	88.0	12.0	76.0	76.8	.861	74.7	85	Chiefly S E by S & S.	79	...	Chiefly cloudy; = & g

The mean pressure of the seven days	...	...	Inch.	29.882
The average pressure of the corresponding period for 20 years	...	...	...	29.747
The mean temperature of the seven days	...	...	☉	80.3
The average temperature of the corresponding period for 20 years	...	...	...	83.3
The extreme variation of temperature during the seven days	...	...	...	17.9
The maximum temperature during the seven days	...	...	...	89.8
The mean humidity during the seven days	...	...	%.	86
The average humidity of the corresponding period for 24 years	...	...	...	83
The total fall of rain from 30th September to 6th October	...	...	Inch.	0.70
The average fall of the corresponding period for 24 years	...	...	...	1.80
The total fall from 1st January to 6th October	...	...	...	60.09
The average fall of the corresponding period for 24 years	...	...	...	60.63

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h. and 22h.; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, t thunder, l lightning, /, strong wind, 2, dust storm.

JOHN ELIOT, M.A., Meteorological Reporter to the Government of Bengal,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA, the 8th October 1877.

**Abstracts of the Results of the Meteorological Observations taken at the Alipore
Observatory in the month of September 1877.**

		Inches.	Date.	Hour.
The mean pressure of the month	...	29.765		
The average pressure of 24 years	...	29.682		
The highest pressure during the month	...	29.944	30th	10h.
The lowest pressure during the month	...	29.528	10th	16h.
The range of pressure during the month	...	0.416		

		°		
The mean temperature of the month	...	82.3		
The average temperature of 24 years	...	83.3		
The highest temperature during the month	...	92.9	3rd	16h.
The lowest temperature during the month	...	74.9	11th & 12th	6h.
The range of temperature during the month	...	18.0		
The mean daily range of temperature during the month	...	10.4		
The greatest range of temperature in one day during the month	...	14.0	3rd	

		%		
The mean humidity during the month	...	88		
The mean vapour tension during the month	...	0.967		
The average humidity of 24 years	...	85		
The average vapour tension of 10 years	...	0.984		
The mean cloud proportion of the month	...	6.10		

		Inches.		
The total rainfall of the month	...	8.09		
The average fall of 49 years	...	10.13		
The greatest fall in 24 hours	...	4.52	11th	

		Days.		
The number of rainy days in the month	...	18		
The average number of rainy days of 24 years	...	21		

		°		
The mean maximum equilibrium temperature of solar radiation of the month	...	145.5		
The mean difference of sun and air temperatures	...	56.8		
The greatest sun temperature	...	160.2	15th	
The greatest excess of sun over air temperature	...	70.8	15th	
The mean temperature of nocturnal radiation thermometer on woollen cloth	...	75.6		
The mean depression of nocturnal radiation thermometer below the minimum of air	...	2.7		
The greatest depression of nocturnal radiation thermometer below the minimum of air	...	4.7	16th	

		Miles.		
The mean velocity of the wind per day	...	128.2		
The greatest velocity of the wind	...	354.0	11th	
The number of observations under each of the 8 points N11, NE11, E5, SE7, S22, SW36, W15, NW13, calm o.				

JOHN ELIOT, M.A.,

*Meteorological Reporter to the Government of Bengal,
for Meteorological Reporter to the Government of India.*

METEOROLOGICAL OFFICE, INDIA, the 8th October 1877.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

ORISSA CIRCLE.

Statements showing the total amount of Traffic and Tolls on the Canals for the month of
August 1877.

Kendrapara Canal.

LENGTH OF CANAL OPEN—39 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
LOCAL TRAFFIC.								
(1) PRIVATE.								
		Mds.	Rs.				Rs. A. P.	A. P.
61	Paddy	11,723	23,444	10,005	373	15,700	235 6 0	
18	Rice	8,464	15,816	4,728	169	4,030	50 10 0	
19	Jaggery	2,603	12,915	4,635	160	2,640	29 12 0	
6	Spices	910	15,200	1,614	28	1,740	23 4 0	
6	Gram	465	684	614	22	660	8 4 0	
1	Oil-cake	180	180	199	7	210	8 10 0	
2	Mandia	448	672	595	21	641	12 0 0	
1	Kalsi	30	200	26	8	90	1 2 0	
2	Telegraph stores	400	400	761	37	810	10 14 0	
11	Salt	2,872	7,380	2,408	89	1,434	19 18 0	
1	Turmeric	200	1,000	200	13	234	8 8 0	
1	Castor-seeds	300	1,500	500	19	288	8 8 0	
48	Empty boats			3,557	303	4,198	41 11 1	
105	Total	23,065	89,241	38,552	1,379	38,067	481 10 1	0 24
111	Total of same month last year	8,631	32,111	19,733	704	17,448	203 7 1	0 22
MISCELLANEOUS.								
	Timbers, 4 in number		10				1 0 0	
	Bamboos, 500 in number		4				0 4 6	
	Demurrage charged on boats						5 13 0	
	Total		20				7 0 8	
	Total of same month last year							

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

3	Laterite stones	1,800	19	2,080	75	1,200	20 8 0	
1	Earthen shoots	85	10	85	3	48	0 12 0	
4	Empty boats			740	25	415	0 5 0	
8	Total	1,223	29	2,911	103	1,663	27 14 0	0 32
	Total of same month last year							
MISCELLANEOUS.								
	Total							
	Total of same month last year							

TRAFFIC BETWEEN CUTTACK AND SEABOARD.

(1) PRIVATE.

47	Paddy	7,050	14,070	14,878			206 12 0	
51	Rice	14,975	29,042	21,768			338 7 9	
20	Spices	3,383	92,115	0,944			101 14 0	
8	Nuts	304	8,000	719			10 5 0	
2	Oil-cake	26	218	048			9 12 0	
2	Gram	465	748	536			9 4 0	
2	Firewood	60	6	203			0 14 0	
2	Saltpetre	200	500	438			8 9 0	
1	Mandia	180	180	185			0 12 0	
1	Salt	280	1,250	611			7 3 0	
6	Timber	1,830	3,320	1,738			32 14 0	
4	Planks	250	128	463			5 12 0	
1	Jaggery	200	1,000	388			8 8 0	
1	Lime	200	50	544			5 4 0	
6	Sleeper	2,800	8,100	5,982			68 8 0	
1	Shoes and fowls	50	100	20			0 9 8	
1	Piece-roads, &c.		10,592	340			4 16 0	
1	Demerits, &c.	488	12,100	380			7 14 8	
1	Twist, sugar, &c.	288	17,359	380			8 1 5	
1	Ammunition, &c.	400	84,000	604			9 13 4	
1	Copper, spelter, &c.	250	10,200	200			8 4 3	
1	Oilman's stones, beer, &c.	500	9,400	500			8 1 6	
1	Wine, &c.	200	7,900	200			4 4 5	
4	Passengers, 8 in number			508			4 12 2	
39	Empty boats			8,052			90 14 0	
207	Total	32,543	2,78,024	64,600	2,507	93,860	933 7 11	0 19
248	Total of same month last year	30,581	2,34,702	67,258	1,402	90,080	933 7 2	0 19
MISCELLANEOUS.								
	Demurrage charged on boats						18 10 0	
	Total						18 10 0	
	Total of same month last year							

High Level Canal—continued.

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
		Mds.	Rs.				Rs. A. P.	A. P.
18	Rubble	2,600	40	5,212	186	186	25 8 0	.....
1	Waggons	251	2,610	502	19	143	2 8 0	.....
20	Empty	.....	.....	4,316	151	2,916	40 4 0	.....
59	Total	2,851	2,550	9,929	355	3,245	68 4 0	0 4 0
65	Total of same month last year	2,106	4,117	16,728	593	5,203	123 6 0	0 4 7
MISCELLANEOUS.								
4	Boats passed free	.....	.....	.....	.....	.....	.....	.....
4	Total	.....	.....	.....	.....	.....	.....	.....
13	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

186	Private, including miscellaneous	14,074	61,530	20,947	1,105	37,115	457 15 4	.....
48	Government stores, including miscellaneous	2,851	2,550	9,929	355	3,245	68 4 0	.....
229	Grand total	16,915	64,080	30,876	1,460	40,360	526 3 4	.....
176	Grand total of same month last year	20,204	61,473	41,992	1,489	26,641	404 0 8	.....

Taldunda Canal.

LENGTH OF CANAL OPEN—27 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

7	Paddy	1,961	1,750	5,229	115	602	5 8 8	.....
43	Rice	13,837	20,712	22,945	229	420	14 5 4	.....
2	Jaggery	657	2,735	530	30	744	2 1 3	.....
2	Wheat	314	924	508	21	21	0 6 0	.....
1	Gram	300	900	450	16	16	0 4 6	.....
1	Mustard seeds	219	764	366	11	165	0 13 3	.....
1	Castor seeds	175	324	400	14	171	1 0 0	.....
1	Lime	225	80	350	15	25	0 8 6	.....
2	Planks	404	240	925	22	405	3 5 0	.....
4	Calcutta	586	1,173	1,240	45	45	0 13 7	.....
67	Empty boats	.....	.....	13,689	489	1,713	11 5 1	.....
131	Total	17,977	44,743	44,972	1,607	4,905	29 0 1	0 1 3
0	Total of same month last year	451	130	1,202	25	96	2 14 11	0 5 6
MISCELLANEOUS.								
...	21 logs	.....	37	.....	.....	.....	3 15 0	.....
...	Demurrage of 23 boats for 23 days	.....	.....	.....	.....	.....	8 14 5	.....
...	Total	.....	37	.....	.....	.....	12 10 5	.....
...	Total of same month last year	.....	13	.....	.....	.....	2 11 8	.....

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

1	Lateral out stone	940	53	1,404	50	720	3 8 2	.....
5	Rubble	1,378	87	2,062	83	1,353	6 14 3	.....
5	Empty boats	.....	.....	1,634	55	973	4 9 6	.....
9	Total	2,327	90	3,340	197	2,061	13 13 3	0 9 9
20	Total of same month last year	5,980	230	13,840	404	741	34 10 4	0 8 9
MISCELLANEOUS.								
...	Total	.....	.....	.....	.....	.....	.....	.....
...	Total of same month last year	.....	.....	.....	.....	.....	.....	.....

ABSTRACT.

131	Private, including miscellaneous	17,977	44,743	44,972	1,607	4,905	21 10 6	.....
9	Government stores, including miscellaneous	2,327	90	3,340	197	2,061	13 13 3	.....
140	Grand total	20,304	45,870	50,312	1,804	7,967	35 3 3	.....
31	Grand total of same month last year	5,341	243	15,131	540	537	40 4 11	.....

Rs. A. P.

Unrecovered balance on the 1st of the month of August 50 1 4
Amount tollage for the month of August 65 8 3
Ditto deducted in the accounts for the month of August 15 13 9
Balance at the end of the month 31 10 6

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—53 MILES.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			

LOCAL TRAFFIC.

(1) PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
20	Betal-leaves	700	2,540	2,170			15 15 0	
5	Betal-puta	825	3,100	1,700			15 2 0	
29	Bricks and tiles, 37,150 in number	2,239	1,188	9,375			47 1 0	
30	Brass and copper and their manufactures	5,680	1,35,225	12,945			93 9 0	
40	Coal and coke	7,405	3,017	17,810			118 12 0	
23	Cotton, raw	2,025	47,200	8,005			67 3 0	
69	Cotton twist and yarn (European)	6,215	2,05,640	18,425			141 10 0	
14	Cotton piece-goods (European)	1,010	1,21,000	3,325			54 6 0	
14	Ditto ditto (Indian)	431	60,000	3,675			23 4 0	
10	Cocoanuts 23,000 in number	383	524	1,565			11 12 0	
6	Card	460	1,350	1,325			4 3 0	
49	Earthenware	4,385	1,603	12,870			70 10 0	
1,361	Empty boats			1,21,480			1,108 0 3	
8	Firewood	630	170	1,735			12 10 0	
7	Fruits and nuts of all kinds	1,630	4,305	2,800			15 4 0	
143	Grain and pulse	20,205	66,487	40,920			413 12 0	
2	Gunny cloth, 240 pieces	135	807	575			1 6 0	
1	Gunny bags, 300 in number	10	80	100			1 2 0	
4	Goste, 820 in number	82	750	845			1 14 3	
3	Horns	200	5,000	675			2 6 0	
7	Hides of cattle, untanned, 8,000 in number	1,075	0,400	1,875			20 11 0	
1	Linseed	200	600	325			4 14 0	
10	Lime and limestone	630	685	1,840			8 14 3	
35	Mustard	6,027	17,245	13,095			67 9 0	
117	Mucellaneous	2,408	0,495	14,085			81 15 0	
55	Other oil-seeds	7,150	21,450	17,325			111 15 6	
6	Other fibres, raw	500	1,500	1,575			13 1 0	
1	Ditto, manufactured	75	325	175			5 4 0	
6	Other saline substances	383	1,037	925			0 9 0	
1	Oil	200	2,400	500			1 14 0	
1,072	Passenger boats			64,505			650 15 0	
200	Paddy	19,400	24,645	34,720			437 14 6	
2	Pieces of tanned leather, 2,520 in number	225	1,475	450			6 12 0	
665	Rice	2,53,892	5,46,000	4,10,080			4,041 11 3	
66	Sugar, unrefined	7,655	37,265	18,015			90 8 0	
140	Straw, 1,369 kahuns	12,214	5,670	40,120			224 0 0	
11	Sand	6,070	214	9,225			34 0 0	
8	Silk, raw	174	1,06,240	1,185			0 8 0	
4	Spices	185	1,500	825			7 8 0	
134	Salt	37,405	1,69,315	70,075			630 3 0	
1	Stamp papers	5	2,000	80			2 6 3	
12	Timber	125	2,045	2,075			9 4 0	
53	Tobacco	0,449	88,395	16,770			138 3 9	
28	Vegetables and other kinds of provision	1,951	2,483	0,010			40 9 0	
1	Wheat	100	400	250			0 15 0	
4,804	Total	3,90,093	10,89,232	10,16,965	36,320	5,99,710	8,863 13 6	0 3
3,663	Total of same month last year	1,91,022	9,02,687	8,14,010	21,923	3,03,990	4,921 9 9	0 3
MISCELLANEOUS.								
...	Passengers, 11,816 in number						213 4 5	
...	Demurrage, &c.						30 14 4	
17	Boats passed free							
17	Total						250 2 9	
34	Total of same month last year		308				266 4 9	

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.—NIL.

ABSTRACT.

4,821	Private, including miscellaneous	3,90,093	10,89,232	10,16,965	36,320	5,99,710	9,154 0 3	
...	Government stores, including miscellaneous							
4,821	Grand total	3,90,093	10,89,232	10,16,965	36,320	5,99,710	9,154 0 3	
3,667	Grand total of same month last year	1,91,022	9,02,687	8,14,010	21,923	3,03,990	5,167 14 0	

Hidgelsee Tidal Canal.

LENGTH OF CANAL OPEN—29 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mds.	Tons.			
554	Paddy	Mds. 88,884	Rs. 1,06,631	1,81,170			Rs. A. P.	A. P.
436	Rice	44,703	96,820	1,03,800			2,450 8 9	
158	Miscellaneous	10,874	80,050	45,440			1,391 11 4	
1	Jute	140	600	478			726 18 0	
14	Bazar, unrefined	804	3,313	8,355			8 9 9	
4	Fumiture	295	660	940			44 3 8	
4	Mustard	130	627	300			17 0 3	
30	Balt	7,600	30,471	15,300			9 7 3	
6	Shooting lime	425	36	915			242 12 6	
4	Firewood	425	140	1,876			6 1 0	
4	Tobacco	83	455	840			11 10 3	
1	Liquor	3	92	60			2 14 3	
12	Iron	120	840	625			1 18 0	
1	Jacks	25	32	100			5 0 3	
4	Helium	165	437	575			0 11 0	
5	Cotton	103	3,450	2,275			8 9 0	
1	Oil-cake	8	6	60			38 2 3	
1	Sporkoe	400	70	875			0 6 8	
20	Passenger boats			1,315			6 0 3	
1,104	Empty boats			1,03,965			10 12 3	
							1,282 7 0	
2,302	Total	1,64,168	3,00,308	4,71,120	10,836	360,653	6,244 11 3	0 3 4
1,844	Total of same month last year	88,080	1,44,175	2,50,020	8,920	182,113	3,130 6 9	0 3 3
MISCELLANEOUS.								
5	Earthenwares (No. 3,320)		40				2 13 0	
1	Emalguin (No. 2)		70				0 7 0	
9	Wata (No. 10,000)		5,000				27 4 3	
35	Straw (513 kahuns)		1,534				91 9 6	
1	Skin (No. 850)		1,900				1 0 0	
2	Tiles (No. 2,500)		80				13 3 8	
1	Cotton piece-woods (4 bales)		400				3 10 0	
1	Coconuts (No. 1,100)		87				2 15 6	
...	Passenger (No. 120)						4 1 6	
...	Demurrage						4 0 0	
50	Total		3,770				162 7 0	
...	Total of same month last year						15 2 3	

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.—NIL.

ABSTRACT.

2,418	Private, including miscellaneous	1,64,168	3,09,175	4,71,120	10,836	360,653	6,397 2 8	
...	Government stores, including miscellaneous							
2,418	Grand total	1,64,168	3,09,175	4,71,120	10,836	360,653	6,397 3 3	
1,844	Grand total of same month last year	88,080	1,44,175	2,50,020	8,920	182,113	3,143 11 0	

SONE CIRCLE,

Arrah Canal.

LENGTH OF CANAL OPEN—61 MILES.

LOCAL TRAFFIC.

(1) PRIVATE.

14	Rice	4,700	16,800	6,641	307	8,380	57 4 9	
30	Jay, grain, and wheat	8,480	10,978	9,989	307	14,070	103 1 6	
2	Mile stones	700	87	977	36	1,962	20 11 6	
12	Kankur	600	18	810	30	407	6 8 0	
11	Firewood	700	200	2,077	78	637	12 10 3	
2	Mahoe	600	170	888	83	457	5 5 0	
11	Lime	1,920	96	3,679	95	5,495	60 10 0	
4	Janta sool	500	18	760	28	2,001	18 11 6	
1	Harai and mirae	200	67	265	10	593	5 7 6	
5	Wood, bamboos, &c.	448	160	748	27	220	7 10 6	
1	Blankets	85	94	135	5	168	1 5 3	
4	Sugar	500	2,000	735	37	880	11 14 0	
30	Balt	10,371	51,255	13,071	480	27,840	181 6 9	
4	Kuth	1,510	380	1,900	72	4,170	24 14 3	
34	Tobacco	11,197	67,183	13,097	481	23,730	229 4 3	
13	Peas and spices	8,065	7,990	4,044	17	2,218	27 1 3	
4	Paddy, &c.	668	725	1,118	41	121	4 6 6	
38	Passenger boats			2,453	90	1,802	23 11 8	
82	Empty boats			11,634	427	8,541	45 3 3	
296	Total	47,197	1,53,732	73,547	2,703	1,04,902	840 8 6	0 1 5
206	Total of same month last year							

ABSTRACT.

CANALS.	TOLLAGE OF THE YEAR 1877-78.		TOLLAGE OF THE YEAR 1876-77.		REMARKS.
	During the month.	To end of month.	During the corresponding month.	To end of cor- responding month.	
ORISSA CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Kendraparah	1,434 11 8	7,853 1 0	1,181 12 3	6,404 7 1	
High Level, Section I	526 8 4	2,209 2 6	404 0 8	1,144 8 2	
Taldandah	65 8 8	711 10 7	40 4 11	819 0 4	
Total Orissa Circle	2,026 7 8	10,773 14 7	1,630 1 10	7,372 8 7	
SOUTH-WESTERN CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Madnapore	8,134 0 3	35,730 11 0	5,187 14 6	26,777 0 3	
Hidgollee Tidal	6,307 2 3	37,303 11 6	3,143 11 0	19,598 1 7	
Total South-Western Circle	15,531 2 6	73,124 6 6	8,331 0 6	46,375 1 10	
SONE CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Arrah	1,392 16 6	4,853 12 3	.....	.....
Western Main	225 5 6	1,012 7 9	.....	.....
Total Sone Circle	1,618 4 6	5,866 4 0	.....	.....
Grand total	19,175 14 8	89,764 8 1	9,967 11 4	63,747 10 5	

F. T. HAIG, Col., R.E.,

Joint Secretary to the Government of Bengal
in the P. W. Dept., Irrigation Branch.

The 1st October 1877.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY—MAIN LINE.

Approximate Return of Traffic for week ended 29th September 1877 on 1,279½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				TRAFFIC MILES RUN		
	No. of passengers.	Coaching receipts.		Weight carried.	Receipts.		Total Traffic Receipts.	Coaching.	Merchandise.	Total.	
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.				
Total traffic for the week	137,000	1,80,007 0 3	16,500 12 11	12,90,940 10	4,18,392 10 0	38,332 13 1	5,85,309 10 3	44,679 1	67,016 1	131,695	
Or per mile of railway	107	140 10 6	12 17 10	10,000 10	326 14 11	29 19 5	407 9 5	34 10 1	52 40 1	86 50 2	
For previous 12 weeks of half-year	1,517,733	17,93,077 10 6	164,548 15 8	1,53,45,334 0	61,83,741 15 0	560,943 3 11	79,76,821 9 0	531,229 1	1,262,995 1	1,794,114	
Total for 13 weeks	1,654,832	19,75,084 10 9	181,048 8 7	1,66,42,534 10	66,02,139 9 0	603,105 17 0	85,77,221 3 9	575,808 1	1,249,901 1	1,925,610	
COMPARISON.											
Total for corresponding week of previous year	103,600	1,20,002 5 2	12,466 17 7	1,51,492 20	3,23,746 10 6	29,676 15 6	4,59,548 15 8	43,212	57,534	100,746	
Per mile of railway, corresponding week of previous year	81	100 4 4	9 14 10	12,000 20	252 15 8	23 3 9	339 4 0	35 10 1	46 40 1	81 50 2	
Total to corresponding date of previous year	1,450,355	17,22,001 10 0	157,630 2 11	1,47,27,632 20	43,96,934 12 5	403,052 7 1	61,18,936 6 3	501,639	916,077	1,378,546	

EAST INDIAN RAILWAY—JUBBULPORE LINE.

Approximate Return of Traffic for week ended 29th September 1877, on 223½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	Rs. A. P.			
Total traffic for the week	5,939 1	15,217 11 9	1,394 19 2	1,92,246 30	51,944 12 0	4,761 12 0	57,102 7 9	4,574 1	9,298 1	14,170 1
Or per mile of railway	26	68 0 2	6 4 8	8,600 30	232 2 0	21 5 8	280 2 8	20 3 1	41 40 1	61 50 2
For previous 12 weeks of half-year	68,960	1,57,433 14 3	14,433 2 6	27,67,976 30	6,56,122 13 0	60,144 13 7	8,13,576 10 3	54,770 1	187,592 1	242,362 1
Total for 13 weeks	74,929 1	1,72,671 10 0	15,824 4 8	29,59,923 30	7,08,067 7 0	64,906 3 7	8,60,759 1 0	59,344 1	196,890 1	256,234
COMPARISON.										
Total for corresponding week of previous year	4,697 1	11,031 8 3	1,011 4 3	50,974 10	15,700 4 0	1,440 0 3	26,740 10 3	4,398	4,062	8,460
Per mile of railway, corresponding week of previous year	21	49 4 10	4 10 8	23,000 10	70 3 4	6 8 8	119 8 2	19 3 1	19 40 1	38 50 2
Total to corresponding date of previous year	54,944 1	1,39,390 14 3	12,778 8 6	5,40,744 30	1,40,859 11 0	13,737 2 9	2,89,259 9 3	58,296	55,780	94,076

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 29th September 1877, on 27½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total Receipts.
	Number of passengers.	Coaching receipts.		Weight carried.	Receipts.				
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.		
Total traffic for the week	2,711	1,611 0 0	141 2 0	8,013 0	894 0 0	69 8 0	310 10 0		
Or per mile of railway	99	51 8 0	5 3 0	316 0	25 8 0	2 11 0	7 14 0		
For previous 12 weeks of half-year	23,165	11,892 0 0	1,180 4 0	85,802 0	6,439 0 0	643 18 0	1,804 2 0		
Total for 13 weeks	27,866	13,503 0 0	1,320 8 0	94,412 0	7,283 0 0	713 4 0	2,014 12 0		
COMPARISON.									
Total for corresponding week of previous year	1,492	742 8 9	74 4 10	1,839 38	180 6 3	15 18 9	93 3 7		
Per mile of railway, corresponding week of previous year	55	27 4 0	2 14 6	67 2	6 15 2	0 13 11	3 8 6		
Total to corresponding date of previous year	24,992	11,532 11 2	1,153 5 4	40,805 4	4,794 9 3	479 9 2	1,633 14 8		

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 29th September 1877, on 28 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	11,550	1,484 0 0	148 8 0	15,700 0	490 0 0	45 12 0	197 0 0
Or per mile of railway	412	53 0 0	5 3 0	560 0	17 0 0	1 14 0	7 0 0
For previous 12 weeks of half-year	109,431	15,094 0 0	1,504 8 0	1,51,938 0	4,885 0 0	448 10 0	1,994 18 0
Total for 13 weeks	120,981	16,568 0 0	1,654 16 0	1,67,638 0	5,351 0 0	535 2 0	2,191 18 0
COMPARISON.							
Total for corresponding week of previous year	10,164	1,400 9 6	140 1 3	11,413 30	429 5 0	42 18 8	182 19 11
Per mile of railway, corresponding week of previous year	363	50 0 4	5 0 0	407 35	15 5 4	1 10 8	6 10 8
Total to corresponding date of previous year	108,676	14,616 9 0	1,461 1 1	1,55,473 4	4,967 7 3	496 14 9	1,966 15 10

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 22nd September 1877, on 158½ miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	45,034	26,977 5 3	2,673 18 5	3,17,826 35	1,02,393 14 7	9,865 11 4	11,859 9 9
Or per mile of railway	284	170 7 7	15 18 7	2,008 35	647 1 1	50 6 3	74 18 9
For previous 11 weeks of half-year	577,630	2,32,406 15 9	21,363 19 6	31,94,947 49	8,39,631 3 5	76,900 7 7	98,270 3 10
Total for 13 weeks	622,664	2,59,384 5 0	23,774 17 11	35,02,774 12	9,42,030 1 0	86,382 14 11	1,10,129 19 19
COMPARISON.							
Total for corresponding week of previous year	46,533	31,180 6 10	2,688 15 1	2,59,554 17	72,536 3 0	6,848 4 8	9,506 19 9
Per mile of railway, corresponding week of previous year	294	197 1 1	16 1 3	1,640 31	458 6 10	42 6 3	60 1 6
Total to corresponding date of previous year	599,776	2,32,789 9 3	21,337 4 4	28,19,351 34	8,65,546 6 8	82,958 15 8	98,373 2 7

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 29th September 1877, on 158½ miles open.

	COACHING TRAFFIC.			MERCHANDISE AND MINERAL TRAFFIC.			Total receipts.
	Number of passengers.	Coaching receipts.		Weights carried.	Receipts.		
		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	34,021½	24,191 5 6	2,217 10 9	3,51,612 22	1,03,000 6 7	9,442 10 7	11,660 1 4
Or per mile of railway	221	153 13 11	14 0 8	2,204 85	654 14 10	59 13 5	73 13 8
For previous 13 weeks of half-year	422,693½	2,50,364 5 0	23,776 17 11	35,02,724 12	9,42,030 1 0	80,352 14 11	1,10,129 12 10
Total for 13 weeks	457,691	2,63,575 10 0	25,994 8 8	38,54,336 34	10,45,039 7 7	89,795 5 6	1,21,789 14 2
COMPARISON.							
Total for corresponding week of previous year	32,890½	19,824 5 8	1,763 17 11	2,12,640 26	59,627 11 0	5,405 17 6	7,209 16 5
Per mile of railway, corresponding week of previous year	206	123 5 0	11 0 8	1,343 80	376 12 8	34 10 8	45 11 2
Total to corresponding date of previous year	423,190½	2,61,783 14 11	25,061 2 8	27,32,001 20	7,25,474 1 5	66,501 15 9	89,582 12 1

TIRHOOT STATE RAILWAY.

Audited return of Traffic for week ended 16th September 1877, on 76 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	7,325	2,870 2 6	267 12 3	21,204 8	1,918 11 0	181 17 5	470 9 4
Per mile of railway	96	37 13 8	3 15 6	279 6	25 4 0	2 10 0	6 0 2
For previous 10 weeks of half-year	67,243½	28,011 5 0	2,801 2 7	1,65,867 0	14,883 2 6	1,405 10 3	4,267 13 10
Total for 11 weeks	74,568½	30,887 7 6	3,068 14 10	1,87,071 0	16,803 13 6	1,626 7 8	4,747 2 6
COMPARISON.							
Total for corresponding week of previous year, opened 45 miles	2,884½	880 6 6	86 18 8	13,446 0	1,363 9 6	126 7 3	321 5 11
Per mile of railway corresponding week of previous year	51	19 4 11	1 15 6	543 0	30 6 0	3 0 7	4 19 3
Total to corresponding date of previous year	33,059½	10,971 2 9	1,087 2 8	2,68,418 0	20,027 1 3	2,002 14 2	3,009 13 6

Approximate return of Traffic for week ended 22nd September 1877, on 76 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	7,775	3,024 9 0	302 9 2	20,458 20	2,764 10 0	278 4 8	578 18 6
Per mile of railway	102	39 12 9	3 19 7	269 0	36 3 0	3 11 9	7 12 4
For previous 11 weeks of half-year	74,568½	30,887 7 6	3,068 14 10	1,87,071 0	16,803 13 6	1,626 7 8	4,747 2 6
Total for 12 weeks	82,343½	33,912 0 0	3,391 4 0	2,16,529 20	19,568 7 6	1,934 10 11	5,526 0 11
COMPARISON.							
Total for corresponding week of previous year, opened 45 miles	2,878½	1,054 7 3	106 8 11	12,090 0	1,443 8 0	144 0 5	240 16 4
Per mile of railway, corresponding week of previous year	57	23 6 11	2 6 10	424 0	32 1 0	3 4 2	5 11 0
Total to corresponding date of previous year	27,990½	12,025 10 0	1,203 11 2	2,92,954 0	21,479 4 8	2,147 0 7	3,846 11 0



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 17, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE CLASSIFICATION AND NOMENCLATURE OF SCHOOLS AND SCHOLARSHIPS.

GENERAL DEPARTMENT.—EDUCATION.—No. 3006.

Calcutta, the 16th October 1877.

READ—

Government letter No. 2060, dated 19th July 1877, to the Director of Public Instruction, requesting him to devise some simple and intelligent classification and nomenclature of schools and scholarships.

Read also—

The Director's letter No. 4297, dated 23rd August 1877, giving an expression of his opinion on the subject.

THE Lieutenant-Governor's attention having been drawn to the extremely complicated and highly technical terminology by which the Education Department has been in the habit of distinguishing the various classes of schools and scholarships with which it has to do, he requested Mr. Croft, the Officiating Director, to devise some more simple and intelligent classification and nomenclature.

2. Mr. Croft now represents that the existing nomenclature of schools goes on a twofold principle—one aspect of which regards schools according to the character of their instruction, the other according to the source of their income.

3. The existing classification of schools for general instruction, with the corresponding scholarships, is as follows:—

Class of School.	Corresponding scholarship.
Primary school	Primary.
Intermediate vernacular	Lower vernacular.
English	" Anglo-vernacular.
Middle vernacular	Vernacular.
English	Minor.
Higher "	Junior.
High school or 2nd grade college	} Senior.
First grade (or full) college	

4. Now it has been determined at the recent conference held at Simla to divide education into—

Primary.
Secondary.
Superior or College.

'Primary' will embrace only reading, writing, and arithmetic in the vernacular. 'Secondary' education embraces all from the primary standard up to the University Entrance Examination: while 'Superior' covers all colleges or schools that carry education beyond the Entrance standard.

5. The Director proposes that the term "primary" should be confined to schools teaching the standard above noted; that the secondary schools should be divided into three classes, viz. lower, middle, and higher; and that the term high school should be dropped and that of second grade college take its place. The table of nomenclature would then stand thus, the scholarship standard taught in the school being the test of place:—

Class of instruction.	Class of school.	Scholarship standard taught, to be called—
Primary.	Primary.	Primary.
Secondary	Lower vernacular	Lower vernacular.
	Middle	Middle
	Higher	Junior.
Superior	2nd grade college	} Senior.
	1st " "	

6. Schools and classes of special instruction, including law classes, medical and engineering colleges, medical, survey, and artizan schools, art schools, madriessahs and normal schools, require no change of name.

7. As regards the classification of schools for budget purposes, the following divisions are now maintained:—

- A.—Government schools.
- B.—Grant-in-aid schools.
- C.—Circle schools.
- D.—Pathshalas before 1872.
- E.—Pathshalas of 1872.
- F.—Schools (of any of the foregoing classes) abolished during the year.
- G.—Unaided schools.

This classification amplifies that prescribed by the Government of India, viz. "Government schools, private schools, aided, and private schools, unaided." The class of "private schools, aided," occupies B, C, D, and E of the foregoing list, A and G being identical with the first and third classes fixed by the Government of India, and F being added in the departmental returns of expenditure only. It follows, therefore, that the class of "private schools, aided," is the only one that admits of simplification. All that can be done is to amalgamate the D and E pathshalas. The Director objects to reducing the circle schools to the level of primary schools. In his opinion

the allotment for circle schools should be kept distinct from the allotment for primary schools, and the former should be managed much as Government vernacular schools are managed. Adopting these proposals, the budget classification will be—

- I.—Government schools.
- II.—Schools aided—
 - (a) By grants-in-aid.
 - (b) From the circle grant.
 - (c) From the primary grant.

8. The above classification and nomenclature of schools seem to the Lieutenant-Governor to be simple and sound, and more intelligible than those at present in use, and they may be adopted by the Educational Department in Bengal.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Director of Public Instruction, to all Commissioners, to all Inspectors of Schools, to all District Committees, to the Accountant-General, and Financial Department of this office, for information and guidance.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,

Secy. to the Govt. of Bengal.

RESOLUTION ON THE SUBJECT OF THE STUDY OF ENGLISH IN VERNACULAR SCHOOLS.

GENERAL DEPARTMENT.—EDUCATION.—No. 2006.

Calcutta, the 16th October 1877.

READ—

Government letter No. 2059, dated 19th July 1877, to the Director of Public Instruction, communicating to him the views of Government on the subject of the study of English in vernacular schools and on the expediency of maintaining the lower Anglo-vernacular scholarships.

Read also—

The Director's letter No. 4296 of the 23rd August 1877, submitting an expression of his opinion on the points discussed in the abovementioned letter.

It was laid down by Sir John P. Grant, when Lieutenant-Governor, as a cardinal principle of the Bengal educational system, that "the Government vernacular schools were to be looked upon as established for the express purpose of improving vernacular education, with a view of acting effectually on the masses of the people who must always remain strangers to English language and literature." This principle was re-affirmed by Sir Cecil Beadon in 1866, when the Government again insisted on the middle vernacular schools being regarded as model schools for the encouragement of education among the rural population, and being conducted on a strictly vernacular footing. Parents (it was said) were quite at liberty to have their children taught English out of school hours; but this practice was not to be made a cloak for introducing English instruction into the Government vernacular schools. It was intended that these orders and principles should govern also the course of instruction in the aided vernacular schools.

2. Gradually, however, it would seem that the Education Department lost sight of these principles as affecting the management of schools not purely Government institutions, and English classes were allowed to be added to the aided vernacular schools, until at length there ceased in many places to be any distinction between a middle vernacular and a middle English school, save that it was held that under the Scholarship Rules of 1872 only schools which were avowedly Anglo-vernacular could compete for minor scholarships. In June 1876 even this restriction was removed. The orders of Government (No. 4876 of 10th December 1866) prohibiting the teaching of English in

aided vernacular schools were withdrawn, any middle class school was permitted to compete for both minor and vernacular scholarships; and it was even ruled that any lower class school might compete for the then newly-formed lower Anglo-vernacular scholarship.

3. The obvious effect of this policy was to give an unnatural stimulus to the teaching of English, or what passes for English, throughout the middle class schools of the interior. The time of the boys is taken up in acquiring a smattering of what is to them, and remains to all who hear them, an unknown tongue, instead of their having their faculties developed by the acquisition of useful knowledge in their own vernacular. While on tour lately, the Lieutenant-Governor had occasion to point out to the Director the absolute impossibility of understanding a word that was read by a great number of the boys in schools which were visited on that occasion; and enquiry showed that it was the result of English being taught by masters with a very slight and imperfect knowledge of English themselves.

4. The Officiating Director of Public Instruction, Mr. Croft, in a letter No. 3167, dated 18th June last, brought the question again before the present Lieutenant-Governor, urging that the principles of 1866 in regard to the aims and objects of vernacular schools were in reality sound, and, if modified, ought to be modified in such a way as not to encourage the substitution of schools teaching a smattering of English for good vernacular schools suited to the real wants of the rural population.

5. Mr. Eden's views were expressed in Government letter No. 2059 of the 19th July last, of which the following paragraphs may here be quoted:—

The Lieutenant-Governor is disposed to think that the policy of encouraging the study of English in the lower class of schools has been carried to an extreme. It appears that not only are the middle vernacular schools allowed to compete for the minor scholarships formerly restricted to the students of Anglo-vernacular schools, and thus to some extent diverted from their proper object of serving as model vernacular schools, but the primary and lower vernacular schools are encouraged to compete for a lower Anglo-vernacular scholarship instead of being restricted to vernacular teaching. Up to date, however, none of these lower schools have been able to send up candidates for this scholarship; and, in order to utilize it, the middle vernacular schools were allowed, as a temporary measure, to come down to compete for it. The only tendency of such an arrangement seems to be to encourage decaying middle schools to be content with a lower standard instead of seeking to improve.

The Lieutenant-Governor holds that vernacular schools should be confined to vernacular education, and that Government should do nothing to encourage their conversion into a very inferior class of Anglo-vernacular schools.

At the same time, Mr. Eden is aware that there is sometimes in Bengal a strong desire on the part of parents to have a little English taught even in vernacular schools, their intention being that their children should thereafter be transferred to an English-teaching school and be able to take a place there not quite at the bottom of the school. Where this wish is actually and strongly manifested the Lieutenant-Governor would not, as an exceptional thing, object to a little English teaching, provided it was limited to one hour a day; that it was paid for entirely by special fees or subscriptions from those who desired it; that no Government grant was given in aid of such education; and that it was only recognized in schools which passed pupils for the middle vernacular scholarships. This rule Mr. Eden would make uniform for all districts.

The effect of the application of this principle seems to be to render the maintenance of the lower Anglo-vernacular scholarship hardly necessary. This scholarship was originally intended for the scholars of primary and lower vernacular schools, which will under these orders not teach English at all, not being eligible to compete for the middle vernacular scholarship. On the other hand, the opening of the minor scholarship examination to the middle vernacular schools seems to provide sufficiently for such English classes as they may be allowed to maintain.

Before passing any final orders, however, I am to request you to reconsider the whole subject with reference to the above remarks, and submit for the Lieutenant-Governor's approval a statement of the measures and changes necessary to give effect to the principles now laid down.

6. In reply to this, Mr. Croft has now reported his views at length. He entirely agrees in the general line of policy indicated, but he proposes to effect the change desired in a somewhat different way. He points out that, apart from the changes that have crept into the working of the aided middle vernacular schools, the middle English schools have also undergone a similar transformation. He reminds the Government that the middle class English schools were never intended to be anything but middle vernacular schools with an English class attached, in which English was taught as

a language; while the pupils were intended to learn history, geography, arithmetic, and such other subjects as were taught in their own vernacular as in any ordinary middle vernacular school. The establishments of the middle English schools were, he shows, originally arranged to suit this theory, consisting of several pundits with one English teacher added. Gradually, however, this idea has been lost sight of, and the establishments have come to consist of several English teachers with one pundit added, and the boys have been trying to learn their subjects in English, and learning them very badly in consequence, as a matter of rote and not of understanding. Then, because in the minor scholarship examination which was framed especially for these middle English schools,

II.—History and geography.

III.—Arithmetic.

IV.—Geometry and mensuration.

V.—Natural philosophy and physical science.

the papers in all the subjects noted in the margin are set in vernacular, being in fact *precisely the same papers* as those set for the vernacular scholarships: the boys who have been pushed through these subjects unintelligently in English have, just before going up for the examination, to be hurried through them once in Bengali to enable them to go up at all. The result is that in zillah schools the universal experience is that boys from middle English schools and minor scholarship-holders are not nearly so well grounded as the boys from vernacular schools.

7. The only difference between the vernacular and minor scholarship tests is in the *first* subject, which is for the former—

I.—The Bengali language,
and in the latter—

I.—The English language.

It is proposed, therefore, by the Director to re-affirm the constitution of the middle English schools and to put them once more on a vernacular basis. Mr. Croft would effect this by ruling that all candidates at the minor scholarship examination must pass the full vernacular scholarship test, i.e., that they must pass in *Bengali as a language* as well as in English. Under the existing rules a boy may go up for the vernacular scholarship examination up to 15 years of age, and for the minor scholarship up to 16 years of age. Mr. Croft would maintain this rule, but no boy would be eligible for a minor scholarship without passing the full vernacular test.

8. As the schools adapt themselves to the scholarship standards, the effect of the Director's proposals would be that, while the Government would keep up its middle vernacular schools, as at present, as model schools of that class, many middle English schools would have to remodel their establishments, substituting pundits for some of the English teachers. This would result in a money saving, and the grants would then admit of being reduced.

If any school chose to give up the minor scholarship course and to constitute itself on an English basis (like a zillah school minus the upper classes), the Director might still, if the local circumstances of the place warranted the school in so doing, continue its grant-in-aid as a special case; but ordinarily the Education Department would seek to make a sound vernacular training the preliminary to English education.

9. It would not be necessary on this plan to impose any direct restrictions on the teaching of English in vernacular schools. The scholarship test would secure sound vernacular instruction. If a school failed to satisfy the standard and to pass boys for scholarships, it would be dealt with under the rules of the Education Department. But so long as it did succeed, it would be allowed to add an English class. All schools having such a class would be called middle English; and *all* middle schools might send up candidates for both vernacular and minor scholarships, subject only to the limits of age as already in force. One old difficulty of the department, arising from the practice of separating on paper the English and vernacular branches of the same school for the sake of getting a double grant, would by these changes at once be put an end to.

10. Mr. Croft also wishes to insist on English grammar being taught in the vernacular in all middle class schools. He urges that the knowledge of grammar possessed by students of middle English schools is at present generally of the lowest possible kind; they may be quite familiar with the terminology of the science and never make a mistake in a case or a tense, or the government of a noun, but the fundamental principles of grammar, common to English and to Bengali, are rarely understood by them. The difficulty is to

get good English grammars in Bengali. If, however, it were announced that the examination in English grammar will be conducted through the medium of Bengali, the difficulty would be soon removed, and the necessary books be provided by private enterprise.

11. The Lieutenant-Governor entirely approves of Mr. Croft's proposals and accepts his recommendations as the best mode of giving effect to the wishes of Government. The changes in the scholarship standard should be introduced with effect as regards the examination of 1879. This delay will give schools time to arrange themselves without disturbing unduly the existing courses of study.

12. The Director agrees with the Lieutenant-Governor in thinking that the lower Anglo-vernacular scholarships ought not to be maintained; they will therefore be abolished after the next ensuing examination has been held.

ORDER.—Ordered that copies of this Resolution be forwarded to the Director of Public Instruction, to all Commissioners of Divisions, to all Inspectors of Schools, to all District Committees of Education, to the Accountant-General, and Financial Department of this office.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,

Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

NAME OF WARE.	STOCKS IN HAND AS COMPILED ON				
	2nd October 1877.	5th October 1877.	9th October 1877.	12th October 1877.	15th October 1877.
	Mds.	Mds.	Mds.	Mds.	Mds.
Bellaghatta	6,03,400	4,51,000	4,12,900	4,40,800	4,50,800
Coltadanga	55,000	55,500	54,000	54,800	50,800
Chitpore, Golabara, Oomertooly, Hakhola, and Dulp ghât.	6,97,500	7,00,200	7,30,500	7,30,100	7,39,400
Pethurighatta, Posta, and Jorabagan	87,900	86,100	89,300	80,900	87,400
Tollygunge, Chittah, Kidderpore, and Moonshikungo.	1,61,000	2,50,900	2,52,000	2,55,000	2,55,200
21 minor Bazar (estimated)	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 2,189 in number (estimated)	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Hridaybatty, Nowabgunge, Bhuddesur, and Chanderanagore.	20,000	20,000	20,000	20,000	20,000
Total	20,90,900	20,37,700	19,83,200	20,38,600	20,04,100
On railway premises, both sides the river	47,636 (on 1st Oct.)	41,605 (on 4th Oct.)	53,381 (on 8th Oct.)	53,194 (on 11th Oct.)	50,970 (on 15th Oct.)
On boats unloaded as by { Port Commissioners' returns	1,21,042 (26th to 28th September.)	1,45,012 (30th Sept. to 2nd Oct.)	1,63,712 (3rd to 6th Oct.)	1,11,978 (7th to 9th October.)	1,00,846 (10th to 15th October)
{ Canal returns	1,22,367 (26th to 28th September.)	50,023 (30th Sept. to 2nd Oct.)	97,622 (3rd to 6th Oct.)	90,251 (7th to 9th October.)	88,675 (10th to 15th October)
Grand Total of Stocks	22,81,846	22,77,641	22,77,663	22,50,023	21,83,796
Probable stocks available for exportation by sea	1½ lakhs.	1½ lakhs.	1½ lakhs.	1½ lakhs.	1½ lakhs.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

ABSTRACT OF REPORTS ON DISTRICT STOCKS OF RICE, &c.; AND MOVEMENTS OF PRICE IN BENGAL, RECEIVED UP TO THE 16TH OCTOBER 1877.

N. B.—No reliance can be placed on the accuracy of figured estimates of stocks in the interior; at best a rough approximation is all that can be expected.

Burdwan, 13th October 1877.—The stock in Burdwan town is 30,000 maunds, and in Raneegunge 8,000 maunds. Exports at Burdwan have stopped owing to the Poojahs. There is a slight fall in the price of rice.

Bankoora, 13th October 1877.—About 2,000 maunds of rice have been exported from the district during the week.

Beerbhoom 13th October 1877.—The price of rice is slowly falling. Exportation is very much decreased, simply because stocks are nearly exhausted. The Collector doubts if more than 6,000 maunds left the district during the week.

Hooghly, 13th October 1877.—No change since last week reported.

Howrah, 13th October 1877.—Reports not received from the interior. The price of rice has fallen at Howrah, and very little is being done in the way of export.

24-Pergunnahs, 13th October 1877.—Prices are still high, but with downward tendency. Export of rice to Calcutta continues from Baraset, Satkhira, and Diamond Harbour, but not so vigorously as heretofore.

Nuddea, 15th October 1877.—In the past week 26,800 maunds of wheat and gram are said to have been exported from Meherpore sub-division to Calcutta, namely 1,750 maunds from Gangni thana, and 25,050 maunds from Kyhutto thana; but the Collector believes the latter figures to be excessive. In Koochtea the imports of food-grains were 17,684 maunds, and the exports by rail to Calcutta 11,370 maunds. From Bongong only 232 maunds of rice were exported to Calcutta. In Chooadangah a little good rice was imported from the eastern districts, but the trade has been very slight. There has been little or no change in prices during the week.

Jessore, 13th October 1877.—The sub-divisional officer of Bagirhat reports that, owing to the high prices there prevailing, some pressure is felt. Supplies have not run short, and the zemindars are assisting their ryots with work and advances. The sub-divisional officer has also commenced village road operations from the District Road Fund. The *amun* promises well in Bagirhat, and all that is wanted is to tide over the interval until it is harvested.

There has been no exportation from the northern and central portions of the district. Prices continue much as before, except in Khoolna and Magoorah, where *aus* is selling at 14 to 16 seers, i.e., at lower prices than those formerly obtaining. The Khoolna registers show that 5,014 maunds were exported from the district during the week.

Moorshedabad, 13th October 1877.—Prices are cheaper. The Jungypore river returns show—Exports 43,175 maunds, namely paddy 2,900 maunds, rice 17,450, gram 2,125, wheat 5,550, black pulse 13,300 maunds, &c.; and Imports 37,374 maunds, namely paddy 4,000, rice 13,950, gram 2,106, wheat 4,406, black pulse 11,612 maunds, &c. The food-supply is everywhere sufficient, but the surplus stock available for exportation cannot be considerable until the *amun* is reaped.

Dinagopore, 12th October 1877.—Rice is selling from 16 to 25 seers per rupee.

Rajshahye, 13th October 1877.—The exports from the different marts and gunges in the district during the past week amounted to 21,786 maunds of rice and 4,500½ maunds of pulses. The stock of rice available for export is about 4½ lakhs of maunds. Common rice sold on the 7th instant at 16½ seers, and since then it has remained steady at 17½ seers per rupee. *Aus* rice is selling at 20½ seers.

Rungpore, 12th October 1877.—The price of rice still continues dear, and shows no signs of falling. Exportation is said to be going on from Kurigram much the same as last week. From the Gaibanda sub-division the exports were 1,250 maunds to Assam and Calcutta, and 5,400 maunds to Pubna, Nattore, Furreedpore, and Serajgunge.

Bogra, 13th October 1877.—23,200 maunds of rice were exported to Calcutta, 2,800 maunds to Pubna, and 600 maunds to Rajshahye; 2,000 maunds were imported from Dinagopore. The price has fallen in seven places, and remained stationary in five.

Pubna, 13th October 1877.—The prices at Pubna town are—coarse rice Rs. 1-14, *poorbee* Rs. 2-3, *dhan* Rs. 1-1-9, &c.; owing to the late importation the price of rice has fallen a little. At Dulai *amun* is 14 seers and *aus* 17 seers per rupee. At Mothoora rice is 16 or 17 seers per rupee (*kutcha* weight). At Chatmohur rice is Rs. 2, and at Shazadpore Rs. 3 per maund. At Serajgunge it is Rs. 3-4 or 3-5. About 1,000 maunds of rice were exported to Calcutta during the week. At Ullapara rice sells at Rs. 2-13 per maund. At Raigunge the price is 14 seers per rupee.

Darjeeling, 12th October 1877.—There was scarcely any difference in the price of food-grains during the past week, as compared with the previous week. Coarse rice rose from Rs. 3-5-1 to 3-5-6 per maund. The prices of other grains remained stationary. There is a good supply of grain in store.

Cooch Behar, 11th October 1877.—The price of *bitri* rice has come down to Rs. 2-10; that of *haimunti* rice varies from Rs. 3-8 to 3-12; *atab* of the best quality is Rs. 5. The prices of pulses have gone up very much. Wheat is selling at the comparatively low rate of Rs. 2-8. There has been no failure of supplies of food-grains anywhere. No exportation or importation of rice has been reported during the week.

Dacca, 13th October 1877.—Exportation is decidedly checked; the registered exports by boat to Calcutta and Goalundo were only 1,800 maunds, and by steamer 1,300 maunds. The result is a decided fall in prices, with prospects of a further fall, as large stocks are coming into the markets.

Furreedpore, 14th October 1877.—The average price all over the district may be put at 12 seers per rupee, but at Madaripore and Gopalgunge in the south of the district only 10 seers are procurable. The prospect of a deficient *amun* crop is likely to keep up these prices. Importation is still slack, and there is practically little exportation, except at Goalundo, where rice is procured chiefly from other districts and sent to Calcutta.

Backergunge, 10th October 1877.—In the wave-stricken tracts importations of food-grain still continue, but not on a very large scale. The importations during the week amounted to 26,684 maunds. The exportation of rice is believed to have ceased, owing to the high prices in the district. The prices of rice are—At Perozopore Rs. 3-2 to 3-4; at Bhola, *aus* from Rs. 3 to 3-6, and *amun* from Rs. 4 to 4-6; at Patuakhally from Rs. 3-8 to 4-12; at Nulohiti Rs. 5; at Jhalokati and Backergunge Rs. 3-8 to 4, &c. Food, though dear, is everywhere procurable.

Mymensing, 12th October 1877.—The state of things is the same as on date of last report.

Tipperah, 12th October 1877.—Prices have fallen slightly. Good rice sells at Rs. 2-12-9 to 3-6 per maund in the various marts. Exports to Naraingunge and other places still continue.

Chittagong, 11th October 1877.—Importation continues. There is no exportation of rice to Calcutta. Rice is fairly cheap, it is generally at 10 to 15 seers per rupee. It is only in Nhila and Teknaaf that it is still dear.

Noakholy, 11th October 1877.—Prices of food-grains are about the same as reported last week, but with a tendency to become easier. The markets are not so well supplied as usual at this season. The little exportation there has been has become less, owing to the reported fall of prices in Calcutta.

Chittagong Hill Tracts, 9th October 1877.—Rice is at present sold at Rangamatia at Rs. 4, at Rangurh Rs. 2-8, and at Banderbun Rs. 4 to 5 per maund.

Hill Tipperah, 10th October 1877.—There is no material change since last report. Prices of rice are nearly double of what they were at this time last year. The rise is due not to want of stocks, since there has been no exportation, but to the unwillingness of stockholders to sell, in anticipation of a further rise.

Patna, 13th October 1877.—Prices falling; exports stopped.

Gya, 13th October 1877.—The prices during the week have fallen a little.

Shahabad, 13th October 1877.—Prices falling in some places.

Durbbhanga, 13th October 1877.—Prices are easier than last week.

Mozufferpore, 12th October 1877.—Exportations of grain have decreased during the week owing to the heavy falls of rain. Prices have fallen considerably.

Sarun, 13th October 1877.—The imports from Mozufferpore, Purneah, Fyzabad, Nawabgunge, Patna, and Shahabad amounted to 7,625 maunds; there were no exports to Calcutta. The stock in hand was 1,38,000 maunds.

Chumparun, 16th October 1877.—Prices slightly falling, but still high. No exports reported.

Monghyr, 14th October 1877.—The stocks of food-grains on sale at the different marts and gunges in the district during the week consisted of rice, 14,347½ maunds; *dhan*, 3,046½ maunds; wheat, 28,547½ maunds; gram, 17,784½ maunds; *rahur*, 7,561½ maunds, &c.

Purneah, 13th October 1877.—There is nothing special to report. There is still a considerable import from Nepal, but less export from the south of the district.

Maldah, 13th October 1877.—Prices are falling. The average price of coarse rice is 19 seers per rupee.

Cuttack, 13th October 1877.—The exports at False Point this week were 20,427 maunds, but on the Chandbally side it is reported to have decreased much, in so far as this district is concerned. The present stocks are ample till the new crops come in, and prices are easier, except in Cuttack, where 13 seers (Cuttack) rules. The general rate at the markets is 16 Cuttack seers. With the fall of the rivers supplies from Sumbulpore cease; but under any circumstances nothing could be expected thence now, for prices have risen there as high as they are here.

Poorre, 12th October 1877.—Supply of rice to inland markets is decreasing generally in the district, but the prices are the same as last reported, varying for 9½ to 15½ seers per rupee. Export by land and the Chilka to the Madras Presidency still continues.

Balasore, 12th October 1877.—The exports this week have been much larger than before, amounting to from Chandbally 12,000 maunds of rice to Calicut, 22,798 maunds to Madras, and 8,598 maunds of rice and 396 maunds of paddy to Calcutta. Prices of clean red rice ranged from Rs. 2-3 to 2 in Balasore, and from Rs. 2-4 to 2-8 in Chandbally. They are thus almost the same as last week, though the new rice is coming into the market in small quantities. Stocks in Balasore amount to 89,000 maunds of rice, and in Chandbally 57,190 maunds of rice and 400 maunds of paddy.

Hazareebagh, 12th October 1877.—The markets continue well supplied with food-grains, which have all fallen in price, except in the Pachumba sub-division, where the railway offering facilities for export the price of rice is abnormally high. Common rice sells in Sudder sub-division at 17 seers, and in Pachumba sub-division at 12 to 13 seers per rupee.

Lohardugga, 13th October 1877.—The bazars are well supplied with food-grains. Prices have slightly risen. No exportation from head-quarters.

Singbhoon, 12th October 1877.—The markets continue to be well supplied with food-grains. Coarse rice is 28 seers per rupee, but other grains are not dearer than before. Exportation insignificant.

Manbhoom, 13th October 1877.—Exportation continues slack. There is plenty of good grain in the district, though along the lines of communication the price of rice is abnormally high. At Purulia there is a plethora of rice apparently, and prices are low, all things considered. The Collector has had several applications from ryots and others begging him to stop the exportation, as rice was rising rapidly in price.

RAJENDRA NATH MITRA,

Offg. Asst. Secy. to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 13th October 1877.

No.	District, and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, Oct 13 '77	2.66	Rainfall at Culna has been .9, at Cutwa .35, at Hood-Hood 3.14, at Raneesgunge .77, and at Jehanabad nil. More rain is wanted, especially at Jehanabad. Prospects of the crops on the whole are good. Fever is prevalent in Culna and Jehanabad.
	2 Bankura, " 13 "	8.55	Weather—rainy during the latter part of the week. The rain which seems to have been general throughout the district has changed the prospects materially for the better. There will probably be a full crop all round. The <i>amun</i> and winter rice crops are looking especially well, and sugarcane, <i>til</i> , and cotton, are expected to yield a 16-anna crop.
	3 Beerbhoom, " 13 "	.74	Weather—seasonable. State and prospects of the crops are very good. The rain during the early part of the week has done much good. The standing rice is already almost all in ear.
	4 Midnapore, " 13 "	1.41	Rain commenced falling on the night of the 10th, and there have been frequent showers ever since. It seems to have been at least as heavy elsewhere as at Midnapore. The rainfall, wherever it extended, has saved the rice crop. About 3 annas from a 16-anna bumper crop have been lost, but the district is practically secure of an average crop at least. The <i>rubbee</i> crop will now be sown.
	5 Hooghly, " 13 "	1.86	Weather—cloudy and showery. State and prospects of the crops are good.
	Howrah, " 13 "	1.57	The rains seem to be closing with the usual storms. The rainfall has been beneficial, and prospects are good.
<i>Central Districts.</i>			
PASCHIM DIV.	6 24-Pergunnas, Oct 13 '77	1.05	Weather—generally fair, with occasional showers. Prospects of <i>amun</i> are promising, and the rain has been beneficial to crops on the ground. Public health is fair, though a few cases of cholera are reported from Bussorhat and Barrackpore. Fever is abating.
	7 Nuddea, " 16 "	.85	Weather—hot and sunny for the most part, but a little rain has fallen almost everywhere. The weather has been favourable during the week for all crops, and the prospects are good.
	8 Jessore, " 13 "	3.77	Weather—showery. Very heavy rain fell on the 12th at Jessore, and towards the end of the week some in the Jhenidah and Narail sub-divisions. In Jhenidah prospects have much improved, but about one fourth of the <i>amun</i> crop is said to be irretrievably ruined. In Magoora more rain is much required and the cattle are being turned into much of the high land paddy which has been already ruined. The <i>amun</i> promises well in the Bagirhat sub-division.
	9 Moorshedabad, " 13 "	1.63	Weather—showery. Nights and mornings cool. 2.23 at Hampore Hat, .64 at Jungypore, and .61 at Lalbagh. Prospects are good, except in lands dependent on inundation. The rain, where it has fallen, has been most beneficial to the <i>amun</i> rice. Sugarcane and mulberry are doing well. Health is good.
RAJSHAHY AND COOCH BEHAR DIV.	10 Dinagepore, " 13 "	.21	Weather—cloudy and close. <i>Bhadol</i> has been all harvested, and has yielded 12 annas. <i>Halmanti</i> prospects are good.
	11 Rajshahye, " 13 "	2.02	There has been a moderately heavy fall of rain during the week in almost all parts of the district, which has much improved the condition of the winter rice crop. Lands are being ploughed for the <i>rubbee</i> crops. Fever is still prevalent.
	12 Mungerpore, " 12 "	.12	There was some slight rain on the 10th, and the cold weather is already showing some signs of approach. No rain at Kurigram, and .58 at Gaibanda. The state and prospects of the crops continue to be good and favourable. Tobacco is being sown, and the crops on the ground are progressing well. The jute outturn has been very good. Public health is good.
	13 Bogra, " 13 "	2.27	Weather—cloudy and rainy throughout the week. Wind as usual at this time of the year. The crops are healthy and promise a good outturn. The late rain has been of great service to the high land <i>amun</i> . It is reported from Sherepore police station that, if the rain does not hold off for a couple of days, the <i>amun</i> is likely to suffer. Health of the people generally is fairly good, though there are some cases of fever prevalent in Badalgachhi and Panchbibi.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
Central Districts.			
RAJSHAHY AND COOCH BEHAR DIVN.	14 Pabna, Oct. 18 '77	2.74	Weather—cloudy and showery. Heavy rain fell on the 10th, and more is wanted for the <i>amun</i> crop. The <i>rubbee</i> seedlings appear to be good. Fever is prevalent in the Sudder station. Cholera has made its appearance at Serajgunge with virulence, and a few cases are reported from thana Shazadpore. Extra medical aid has been applied for.
	15 Darjeeling, „ 18 „	0.00	No rain fell during the week that could be gauged. There were only a few light showers. Temperature very variable. All the crops in the district are progressing favourably.
	16 Julpigoree, „ 18 „	.10	Very slight rain has fallen. The weather is reasonable and getting sensibly cooler. <i>Haimanti</i> rice is flourishing so far. The prospects of <i>kalai</i> and tobacco are not favorable. <i>Rubbee</i> crop is being sown all over the district.
	Cooch Behar, „ 11 „	.62	Weather—generally fair, but occasionally cloudy. Not so cold as last week. .18 at Mokligunge, .20 at Matbhabhanga, and .65 at Dibrhatta. The <i>kaimanti dhan</i> crop will not be more than from 8 annas to 10 annas. This, however, will suffice for the wants of the people, but will leave little or nothing for export. Tobacco will be a late crop this year. Much depends on the length of this break. No more rain is wanted till November. Jute is a promising crop this year and is yielding well. Fever is prevalent; otherwise public health is good.
Eastern Districts.			
DACCA DIVN.	17 Dacca, Oct. 18 '77	1.32	Weather—seasonable and decidedly favourable to the crops. Manickgunge had 1.16 during the week ending 11th, and Moonsheegunge .28 during the week ending 10th. The prospects are very good, and are improving weekly.
	18 Furrudpore, „ 14 „	2.38	A somewhat heavy shower on the 10th. Weather now clear and cool. There is very little prospect of a good <i>amun</i> harvest; the average outturn may be estimated at 8 annas. The water of the <i>dhails</i> is receding owing to the fall of the rivers, and heavy showers are wanted.
	19 Backergunge, „ 10 „	.01	Weather—seasonable. Everywhere the prospects of the <i>amun</i> continue to be good. With the exception of a little sporadic sickness, the health of the people is good. The cattle everywhere are reported remarkably healthy at present.
	20 Mymensingh, „ 18 „	.25	Weather—rainy and seasonable. The prospects are not very favourable.
CHITTAGONG DIVN.	21 Tipperah, „ 12 „	.19	Weather—hot and fine. .02 at Brahmunbariah. Prospects of the winter rice crop are good.
	22 Chittagong, „ 11 „	.85	Weather—seasonable. No marked change about the crops since last week. Some of the cold-weather crops are being sown.
	23 Noakhally, „ 11 „	.18	Early mornings foggy; evenings close. The reaping of early rice has been completed. <i>Amun</i> promises well. Public health is good.
	24 Chittagong Hill Tracts, „ 9 „	1.55	A heavy shower of rain on the 8th. Foggy mornings throughout the week. The gathering of the <i>joom</i> paddy crop still continued. Lands are being ploughed for mustard. Cotton plants are in flower.
	Hill Tipperah, „ 10 „	.22	Slight rain fell on the 3rd and 9th. All crops are progressing satisfactorily.
BEHAR.			
PATNA DIVISION.	25 Patna, Oct. 18 '77	5.31	Prospects of the crops are good; also the health of the district.
	26 Oya, „ 18 „	1.68	Weather—cool and cloudy. The maximum reading of the thermometer in the shade reached as high as 90.2°. The late rain has had the best effect. The rice crop in Nowada, Jehanabad, and Aurungabad is reported to have sufficient rain and to look very well. The Collector believes a good average crop will be obtained over the whole district. The prospects of the <i>rubbee</i> are generally good.
	27 Shahabad, „ 18 „	2.67	Weather—bright and clear. Besseram had 1.06, Bhubhoosh 1.55, and Buxar .82. During the week rain has fallen generally throughout the district. <i>Rubbee</i> sowings have been assured. The rain has revived the dying crops.
	28 Durbhanga, „ 18 „	2.15	The heavy rain of the 6th has been followed by showers more or less heavy during the week. The prospects of the winter rice are excellent in the Mudhoobani and Durbhanga sub-divisions, and much improved in Tajpore.
	29 Mozufferpore, „ 18 „	5.26	Weather—cool and showery. The total fall of rain since 5th instant has been 5.26 at Mozufferpore, 2.81 at Hajeeepore, and only 0.59 at Soetanurhee. In the north-eastern and southern parts of Soetanurhee sub-division the falls have amounted to 1.50 inches. The prospects of the rice crop are now good in Mozufferpore and Hajeeepore sub-divisions, but in Soetanurhee sub-division the rain is reported to have “been barely sufficient to keep the rice plants from drying up.” The <i>dhadoi</i> crops have all been reaped, and the preparation of lands for <i>rubbee</i> sowings is going on.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
PATNA DIVISION.	80 Baran, Oct. 18 " '77	2.53	Days slightly hot; mornings and evenings cool. East wind prevailing. Since 12th the change has been very marked. The heavy rain has ensured the safety of the <i>rubber</i> crop. Sewan, which wanted it particularly, had 6.00 inches. The rainfall at the Sudder station (Chuprah) is not an index to the general one. For instance, at a factory 28 miles north-west-north of Chuprah 9 inches fell; 36 miles due north very heavy rain fell; at another factory 22 miles north-east 12 inches fell, and heavy rain is known to have swept across the district 10 miles to the northward 10 inches fell at a factory 15 miles north-east. Sewan is 40 miles away north-west; so that an idea may be gathered as to the immense value of this opportune rainfall. All anxiety has vanished. There may be isolated cases of distress, but these are the incidents of an ordinary year.
	81 Champaran, " 16 "	1.4	Weather—cloudy at the beginning, and very bright at the end of the week. .46 at Bettiah. The district had slight, but general, rain. It did not share the heavy rain of the neighbouring districts. Rice, <i>kodo</i> , &c., have much improved. Much more rain is wanted. <i>Rubber</i> prospects are moderate. The northern, central, and western parts are fairly off. Cholera has almost ceased.
	82 Monghyr, " 13 "	3.64	Weather—sunshine and cloudy. .89 at Begoozerei. Heavy rain fell almost everywhere in the district. Though the crops will be short, no danger now is to be apprehended.
BAGULPORE DIV.	83 Bhagulpore, ... ..	.....	Return not received.
	84 Purneah, " 13 "	.87	Weather—fair and clear; rain early in the week. .27 at Kishengunge and 2.64 at Arrerueh. The rain has been plentiful in some parts of the district, and has been of great benefit. Prospects are very fair.
	85 Maldah, " 13 "	3.89	Rain has fallen pretty generally throughout the district, and the prospects of the crops are good.
	86 Sonthal Pergah, " 14 "	1.48	Rain has fallen throughout the district. Everything is promising well.
ORISSA.			
ORISSA DIV.	87 Outtaek, Oct. 13 '77	.05	Weather—very fine until 12th, when there was very heavy rain at the Sudder station. The amount has not been communicated. The crops undoubtedly require rain on the high lands, but no damage is reported as yet. Early <i>saradh</i> is flowering in some places. The crops generally have been transplanted, and in some cases weeded. The <i>rubber</i> sowings also are progressing. Cholera and cattle disease are still reported.
	88 Pooree, " 12 "	NH	Weather—hot and cloudy at intervals. 1.02 at Khordah. The <i>saradh</i> rice plants on high lands are suffering severely in many places for want of rain. The plants on low lands are in great want of rain also. The crop has almost entirely failed in the tract between the Chilka and the sea.
	89 Balasore, " 12 "	.26	Weather—warm; cloudy latterly. The crops are still in good condition, though very little rain fell during the week, and what rain there has been was not general. The <i>badli</i> has all been cut with a good outturn. Cholera in a sporadic form is reported from the Bhadruck sub-division.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
40	Hazareebagh, Oct. 12 '77	1.37	Weather—seasonable. The rain which has lately fallen has been most beneficial not only to the rice crop which has been much improved by the moisture, but to the country in general by permitting the ryots to break up the soil for the coming <i>rubber</i> season. More rain is wanted, but even without further rain the outturn of the <i>dhan</i> crop will be fair.
41	Lohardugga, " 13 "	.28	In the Sudder station the weather has been cloudy every day of the week, but only .28 of an inch of rain fell on the 7th. In the interior of the Sudder sub-division there was no rain, except in three police stations. The outturn of <i>gora</i> , <i>goandli</i> , and <i>makai</i> has been generally good. The winter crops are suffering from want of rain, and unless there is a heavy shower immediately the damage will be great. The Palamow report states that slight rain fell on the 5th and 6th, and a good shower on the 7th. The crops promise better. The late rains will be of some service to the <i>kharrif</i> , which were drying through drought. More rain is wanted.
42	Singbhoom, " 13 "	.17	Weather—seasonable. The want of rain is still reported from every part of the district, and very little cultivation of the cold-weather crops has been attempted. The <i>badli</i> paddy is now being reaped, and an average harvest is expected. The <i>kaimuti</i> paddy has not suffered much yet from the want of rain, but if no rain falls within the next week its prospects will be poor indeed. The districts healthy.
43	Manbhoom, " 13 "	1.16	Weather—seasonable. The little rain that has fallen during the week has done a great deal of good. The Collector believes that a little more rain would not be objected to, but, on the whole, he thinks there is a fair hope of at least a 10-anna crop. <i>Bhadol</i> crops have been good. Sugarcane is promising.

Published for general information.

Meteorological Telegraphic Report for the period 7th to 13th October 1877.

STATIONS.	Date.	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	HYGROMETER.		Humidity at 100.	Wind.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALPORA.	Oct. 7th	10	29.986	30.017	85.0	78.0	72	S E	5.5	.....	K, FK	c
		16	29.911	29.938	78.0	78.6	85	S	5.8	.....	PO	c
	8th	10	29.904	30.016	84.8	77.5	71	S	2.5	.....	K	c
		16	29.859	29.881	83.6	78.5	79	W S W	3.5	.....	CS	c
	9th	10	29.962	29.984	83.1	77.9	75	S W by W	2.0	.....	K	c
		16	29.936	29.967	86.8	77.7	66	S S W	3.5	.....	K	c
	10th	10	29.931	29.967	85.0	79.2	76	S	2.5	.....	K, FK	c
		16	29.815	29.837	82.5	77.6	79	S W	5.0	.....	P	d, c
	11th	10	29.907	29.928	85.0	79.3	77	S	2.0	0.05	K, FK	c
		16	29.908	29.927	82.8	77.6	80	E	6.5	.....	C, PK	c, l, d
	12th	10	29.958	29.980	83.9	79.2	80	S	1.5	0.01	K, FK	c
		16	29.909	29.931	77.1	76.0	95	N	6.2	.....	P	c, s, l, d
	13th	10	29.045	29.067	81.7	76.6	76	N W by W	1.8	0.78	K CK, FK	c
		16	29.916	29.938	83.6	78.8	80	W by N	4.2	0.05	K	c
SAGOR ISLAND.	Oct. 7th	10	29.986	29.992	87	81	76	S S E	5.8	.....	PK	b, v
		16	29.893	29.899	86	79	71	S S W	7.9	.....	P	b, v
	8th	10	29.949	29.955	86	80	76	S S E	3.3	.....	P	b, v
		16	29.855	29.861	86	81	80	S W	4.2	0.50	P	b, v
	9th	10	29.958	29.964	86	80	76	S W	2.7	.....	P	b, v
		16	29.943	29.949	87	80	73	S S W	7.0	.....	KS	b, v
	10th	10	29.939	29.945	86	80	76	S	6.8	.....	P	b, v
		16	29.816	29.822	87	80	72	S S W	9.5	.....	PK, C	b, v
	11th	10	29.902	29.908	86	81	80	W	5.9	.....	P	b, v
		16	29.827	29.833	83	78	79	S E	7.6	.....	P	b, v
	12th	10	29.945	29.951	78	77	85	S S E	9.0	0.40	P	b, v
		16	29.848	29.854	85	80	79	S S E	10.8	.....	P	b, v
	13th	10	29.035	29.041	83	78	79	S S W	6.0	8.0	P	b, v
		16	29.921	29.927	85	78	72	S S W	6.5	.....	P	b, v
CHITAGONG.	Oct. 7th	10	29.952	30.044	86	77	68	N E	1.8	.....	C	b, v
	8th	10	29.919	30.011	85	78	68	E N E	2.0	.....	CK	b, v
	9th	10	29.904	29.980	85	80	79	S E	3.2	0.30	PK	c
	10th	10	29.882	29.974	86	79	79	S S W	2.8	.....	K	b, v
	11th	10	29.872	29.904	84	79	72	E N E	1.5	0.30	CK	b, v
	12th	10	29.809	29.901	87	81	76	E	2.0	.....	K	b, v
	13th	10	29.914	30.006	83	80	87	S S W	2.8	.....	PK	b, v
ARJAS.	Oct. 7th	10	29.971	30.029	87	80	72	E	1.4	.....	CK	c
	8th	10	29.984	30.006	86	80	72	E N E	2.1	.....	CK	c
	9th	10	29.988	29.989	87	80	72	S S E	2.1	.....	CK	c
	10th	10	29.964	29.986	84	79	79	N W	1.2	.....	CK	c
	11th	10	29.931	29.952	87	80	72	N W	1.3	.....	CK, P	c
	12th	10	29.981	30.102	86	80	76	S E	0.8	.....	CK	c
	13th	10	29.961	30.073	86	80	76	E	1.9	0.9	CK	c
CUTTACK.	Oct. 7th	10	29.906	29.987	86	78	68	N N E	1.4	.....	CK, K, C	c
	8th	10	29.907	29.989	86	77	66	S S E	0.5	.....	K, PK, C	c
	9th	10	29.896	29.976	88	78	69	S S W	1.0	.....	PK, K, C	c
	10th	10	29.865	29.937	87	78	66	S	1.4	.....	C, K, PK, C	c
	11th	10	29.822	29.904	87	78	65	S S W	1.5	.....	K, PK, C	c
	12th	10	29.867	29.940	80	79	79	S S E	1.4	1.30	K, PK, C	c
	13th	10	29.973	30.055	83	78	70	E	1.3	.....	C, K, PK, C	c
VILASAPATAM.	Oct. 7th	10	29.954	30.025	86	78	68	W by S	1.5	0.10	C	c
	8th	10	29.904	30.025	86	78	68	N E	1.5	.....	C	c
	9th	10	29.944	30.075	86	79	76	S S W	1.1	.....	C	c
	10th	10	29.927	30.058	85	78	72	W	1.4	0.10	C	c
	11th	10	29.877	30.008	80	79	72	S S E	1.4	.....	C	c
	12th	10	29.927	30.059	84	78	75	E by S	1.4	1.30	C	c
	13th	10	29.914	30.045	86	78	68	S E by S	0.7	.....	C	c
MADRAS.	Oct. 6th	10	29.929	29.961	89	80	66	S by E	7	.....	.....	bc
		16	29.839	29.864	86	77	68	S E	12	.....	.....	bc
	7th	10	29.971	29.993	86	75	68	S	6	.....	.....	c
		16	29.868	29.880	85	77	68	S E by S	.....	.....	.....	c
	8th	10	29.977	29.999	89	74	67	S W by S	13	.....	.....	bc
		16	29.839	29.861	87	77	69	S E by S	13	.....	.....	c
	9th	10	29.908	29.990	88	77	60	S W by S	6	.....	.....	c
COLONBO.		16	29.845	29.867	86	77	65	S E	9	.....	.....	bc
	10th	10	29.954	29.976	91	79	67	S W by S	7	.....	.....	c
		16	29.880	29.855	85	79	70	S E by E	7	.....	.....	c
	11th	10	29.927	29.949	88	79	80	W by S	6	0.31	.....	c
		16	29.795	29.817	85	78	72	S E by E	7	.....	.....	cloudy
	Oct. 7th	10	30.008	30.067	80	76	82	S S W	4.0	1.70	C	c
	8th	10	30.028	30.059	84	77	79	S S W	2.8	.....	C	c
Colonbo.	9th	10	30.017	30.057	85	79	76	S W by S	1.8	.....	C	c
	10th	10	29.996	30.037	78	77	96	S by W	6.0	1.30	.....	c, r
	11th	10	29.980	30.001	68	78	79	S W	1.4	0.20	C	c
	12th	10	29.991	30.032	77	75	91	S S W	9.1	1.80	.....	c, r, l, t
		16	30.030	30.060	82	76	83	S	4.9	.....	C	c
	13th	10										c

* Velocity of wind in miles per hour.

CALCUTTA,
The 13th October 1877.JOHN ELIOT, M.A.,
Meteorological Reporter to the
Government of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 7th to 13th October 1877.

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 32° F.	TEMPERATURE.				HYGROMETRY.				WIND.		Hain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		☉	Inches.	☉	☉	☉	☉	☉	Inch.	☉	%			Inch.	
Oct.	7th	152.8	29.902	79.2	87.7	11.4	76.8	76.1	0.875	75.2	81	South ...	84	Nil.	Partially cloudy till 5 P. M. ☉ at 11 A.M.; d, t, & o; night clear.
"	8th	148.8	29.886	79.8	87.8	13.1	74.7	77.1	808	76.0	86	S & W S W ...	40	...	Chiefly clear.
"	9th	150.2	29.904	80.8	88.8	12.9	75.9	77.2	805	75.9	86	W S W & S W by W.	88	...	Iditto.
"	10th	146.8	29.883	79.8	88.9	13.1	74.8	77.7	804	75.8	91	Till 5 P.M. W N W through W, till midnight S through W.	80	...	Chiefly cloudy d & l.
"	11th	154.6	29.941	80.8	88.7	13.3	77.4	78.0	820	77.0	90	Till 3 P.M. veered to S E by E through W, N & E till midnight S by W through S E.	67	0.05	Cloudy, d, t, o & g.
"	12th	150.8	29.893	78.1	88.3	11.8	76.7	77.2	808	76.8	86	Till 2 P.M. N by E through W & N, till midnight N through N & W.	81	0.04	Cloudy; rain at 3.35 P.M.; d, t, l, o & g.
"	13th	144.8	29.871	78.2	86.8	12.6	78.0	76.4	806	75.6	91	Till 11 A.M. W N W through W, till midnight W.	68	0.25	Chiefly cloudy, d o & g.

* Fall since 2.35 P.M. of the 13th.

The mean pressure of the seven days	...	...	Inch.
The average pressure of the corresponding period for 20 years	...	...	29.917
			29.804
The mean temperature of the seven days	...	...	☉
The average temperature of the corresponding period for 20 years	...	...	79.3
The extreme variation of temperature during the seven days	...	...	82.9
The maximum temperature during the seven days	...	...	16.7
			89.7
			%
The mean humidity during the seven days	...	...	90
The average humidity of the corresponding period for 24 years	...	...	81
			Inch.
The total fall of rain from 7th to 13th October	...	...	0.92
The average fall of the corresponding period for 24 years	...	...	1.38
The total fall from 1st January to 13th October	...	...	61.01
The average fall of the corresponding period for 24 years	...	...	62.01

The mean pressure, temperature, &c., are deduced from observations made at 8h., 10h., 16h. and 22h.; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, l lightning, l^r lightning reflection, t thunder, d drizzling, ☉ solar corona.

JOHN ELIOT, M.A., Meteorological Reporter to the Government of Bengal,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA, the 15th October 1877.

GOVERNMENT OF BENGAL.
PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

KHURREEF SEASON 1877, COMMENCING ON THE 1st JUNE 1877.
Irrigation Operations of Lower Bengal during the month of August 1877.

Circles.	District.	Canal.	SURFACE OF WATER IN THE CANALS.		RICE IRRIGATION.				SUBSIDIES AND OTHER FRESH WATER IRRIGATION.				RAIN-FALL.				Remarks.		
			Estimated fall in charge in cubic feet per second.	Average discharge in cubic feet per second through.	Area irrigated on or before June 1st 1877.	Area irrigated subsequent to the 1st of June 1877 and up to the 1st of the month.	Area irrigated during the month.	Total area irrigated up to date (total of columns 6, 7 & 8).	Area irrigated up to the 1st of the month.	Area irrigated during the month.	Total area irrigated up to date (total of columns 10 & 11).	Grand Total of area irrigated up to the end of the month (total of columns 9 & 12).	Grand Total of corresponding period of last year.	Inches during month.	Months during season.	Average of ten previous years for the same period.			
Orissa.	Cuttack.	Kendrapada.	1,200	433-05	846	9,970	5,380	14,350	146	1	146	15,815	11,300	14	15	16	17	(a) The details are— Khurreef at Rs. 1-6 each Ditto at " 3 " Ditto at " 6 "	
				
				
				
				
South-Western.	Midnapore.	Fanchitkora.	(b) The details are— Sugarcane Garden produce Heldi Brijala Plantation West (Sugarcane) Bottle (Sugarcane) Ink Sare	
				
				
				
				
Sone.	Shahabad.	Arrah.	(c) The details are— Rice at Rs. 1 per acre Indigo at Rs. 3 " Cotton at Rs. 1 " Cotton at Rs. 2 " Sugarcane at Rs. 3 "	
				
		
		
		
Grand Total of the corresponding month of previous year			...	...	...	...	...	...	...	...	...	...	...	...	...	...	Grand Total

* The area ordered was about double this amount.

F. T. HAIG, Col., R.E.,
Joint Secy. to the Government of Bengal
in the P. W. Dept., Irrigation Branch

The 9th October 1877.

PUBLIC WORKS DEPARTMENT, —BENGAL.

GENERAL ESTABLISHMENT.—No. 288.—The 10th October 1877.

Statement showing heights over mean sea-level and low water on Rivers Ganges, Bhagirathee, and Brahmapootra during the month of September 1877.

Mileage.	RIVER GANGES.										RIVER BHAGIRATHEE.				BRAHMAPOOTRA.	
	Mirzapore.	Banar.	Benar.	Unnapore.	Monghyr.	Sahabganje.	Rampore Bankah.	Goolando.	Berhampore.	Kalnagbar.	Gowhaty.					
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G. A. D. ANLEY, C.E.,
Asst. Secy. to the Govt. of Bengal, P. W. Department.

Weekly Return of Traffic Receipts on Indian Railways.

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 6th October 1877 on 158½ miles open.

	COACHING TRAFFIC.				MERCHANDISE AND MINERAL TRAFFIC.				Total receipts.
	Number of passengers.	Coaching receipts.		Mds. n.	Weight carried.	Receipts.			
		Rs. A. P.	£ s. d.			Rs. A. P.	£ s. d.		
Total traffic for the week	35,705	25,357 10 5	2,334 9 0	3,31,934 7	1,04,375 11 2	9,381 3 1	11,910 12 1		
Or per mile of railway	226	160 3 9	14 13 0	2,091 30	660 13 3	60 11 6	75 6 8		
For previous 13 weeks of half-year	467,591	2,53,575 10 6	25,994 8 8	38,34,254 34	10,45,939 7 7	93,795 6 6	1,21,789 14 2		
Total for 14 weeks	493,294	5,03,553 4 9	28,518 17 8	41,66,201 4	11,49,615 2 9	103,581 7 7	1,33,760 11 3		
COMPARISON.									
Total for corresponding week of previous year	32,079	21,877 14 6	1,939 12 9	2,55,774 20	61,118 5 1	5,602 10 3	7,662 3 6		
Per mile of railway, corresponding week of previous year	203	136 1 5	12 7 4	1,420 28	380 5 5	35 8 1	47 15 9		
Total to corresponding date of previous year	463,146	2,75,171 12 5	25,940 15 0	29,67,775 0	7,80,592 6 9	72,104 6 0	97,145 1 0		

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 6th October 1877 on 27½ miles open.

		Rs. A. P.	£ s. d.	Mds. H.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	2,127	1,013 0 0	101 14 0	6,043 0	654 0 0	65 4 0	167 4 0
Or per mile of railway	78	37 0 0	3 14 0	223 0	24 0 0	2 4 0	6 2 0
For previous 13 weeks of half-year	27,866	13,913 0 0	1,301 4 0	94,415 0	7,133 0 0	713 6 0	2,014 12 0
Total for 14 weeks	29,993	14,931 0 0	1,403 2 0	1,01,378 0	7,787 0 0	778 14 0	2,181 16 0
COMPARISON.							
Total for corresponding week of previous year	1,607	775 8 0	77 11 0	1,624 10	162 1 6	16 4 2	93 15 2
Per mile of railway, corresponding week of previous year	61	28 7 4	2 16 11	59 30	5 15 2	0 11 11	3 3 10
Total to corresponding date of previous year	25,730	12,528 3 2	1,230 16 4	81,483 14	4,066 10 9	406 13 4	1,726 9 4

CALCUTTA AND SOUTH-EASTERN STATE RAILWAY.

Approximate Return of Traffic for week ended 6th October 1877 on 24 miles open.

		Rs. A. P.	£ s. d.	Mds. s.	Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	10,334	1,650 0 0	165 0 0	4,021 0	181 0 0	18 2 0	183 2 0
Or per mile of railway	431	50 0 0	5 18 0	167 0	7 0 0	0 12 0	4 10 0
For previous 13 weeks of half-year	120,981	10,568 0 0	1,056 10 0	1,07,044 0	5,351 0 0	535 5 0	2,191 15 0
Total for 14 weeks	131,217	12,218 0 0	1,221 10 0	1,11,065 0	5,532 0 0	553 4 0	2,375 0 0
COMPARISON.							
Total for corresponding week of previous year	10,164	1,294 7 9	129 9 9	10,979 0	334 0 0	33 16 0	163 5 0
Per mile of railway, corresponding week of previous year	423	40 3 8	4 13 5	465 0	12 1 0	1 4 2	5 16 7
Total to corresponding date of previous year	119,024	10,903 0 0	1,090 10 1	1,06,483 4	5,203 7 3	520 10 9	2,120 0 10

TIRHOOT STATE RAILWAY.

Approximate return of Traffic for week ended 29th September 1877 on 76 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		PASSENGER TRAFFIC.		TOTAL.	
	No. of passengers.	Receipts.	No. of tons.	Receipts.	No. of passengers.	Receipts.	No. of passengers.	Receipts.
		Rs. A. P.	£ s. d.	Mds. s.		Rs. A. P.	£ s. d.	£ s. d.
Total traffic for the week	8,905	3,195 8 6	319 11 0	25,905 30	2,409 7 0	240 13 11	890 3 11	
Per mile of railway	117	42 9 9	4 4 2	342 0	31 11 0	3 8 5	7 7 7	
For previous 13 weeks of half-year	82,344	33,913 0 6	3,391 4 0	2,16,629 20	19,544 7 6	1,954 10 11	5,395 0 11	
Total for 14 weeks	91,249	37,107 9 0	3,710 13 0	2,42,533 0	21,767 14 6	2,176 15 10	5,896 10 10	
COMPARISON.								
Total for corresponding week of previous year, opened 45 miles	1,824	770 1 9	77 0 2	15,165 0	966 5 9	96 12 8	173 12 10	
Per mile of railway corresponding week of previous year	41	17 7 1	1 14 2	337 0	21 2 3	2 3 11	3 17 1	
Total to corresponding date of previous year	20,745	12,708 11 9	1,270 11 4	3,06,119 0	22,436 10 0	2,243 13 3	5,223 4 7	



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 24, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE ADMINISTRATION REPORT OF THE STAMP DEPARTMENT FOR 1876-77.

REVENUE DEPARTMENT—STAMPS.

Calcutta, the 23rd October 1877.

READ—

The Report of the Board of Revenue on the administration of the Stamp Department for the year 1876-77.

The general financial results of the administration of this branch of the revenue during the year, as compared with the results of the two previous years, are shown in the following table, in which the sale receipts of postage, service, and telegraph stamps are not included :—

	1874-75.	1876-75.	1876-77.
	Rs.	Rs.	Rs.
Bengal	27,53,096	51,62,669	53,91,854
Assam	4,77,591	5,05,465	4,84,179
Punjab	23,86,345	24,58,005	24,39,280
North-Western Provinces	45,15,382	34,00,539	30,24,364
Oudh	2,35,070	9,24,536	9,41,947
British Burmah	4,05,489	4,00,818	6,22,371
Port Blair	253	842	1,425
Nepal	14	5	.....
Political Agencies	4,850	6,780	6,051
Total	1,53,99,650	1,71,82,163	1,55,10,511

The receipts from Bengal are more than equal to the revenue realized from the other provinces together, and the total shows an increase of Rs. 3,27,349 compared with the returns of 1875-76. There was an increase of more than two lakhs in Bengal, and of above $1\frac{1}{2}$ lakhs in the North-Western Provinces, besides smaller increases in Oudh and British Burmah. But the returns for Assam and the Punjab show a decrease in those provinces.

2. The total stamp revenue did not amount to 100 lakhs of rupees till 1861-62. In 1859-60 it was below 53 lakhs, in the following year it rose to nearly 75½ lakhs, and in 1861-62 it reached 103 lakhs. Ten years later, in 1871-72, it amounted to nearly 144 lakhs, and since then the increase has been steady, though less rapid than in some former years.

3. The following statement shows the gross revenue of the year in the Lower Provinces of Bengal under the several heads of receipt, as compared with the results of the three years immediately preceding:—

Years.	DUTIES UNDER GENERAL STAMP ACT.					Duties under Court Fees Act.	Total under both Acts.
	Non-judicial stamped papers.	Special adhesive stamps.	Receipts, share-transfer and foreign bill stamps.	Hoondees or bills of exchange.	Total of general stamps.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1875-76	16,80,065	5,22,522	1,81,087	90,781	24,81,405	55,96,060	81,80,861
1876-77	16,05,508	5,58,256	1,91,781	87,919	24,43,239	55,46,787	87,89,026
1875-76	17,71,871	5,45,355	1,80,004	99,788	25,93,814	55,79,585	91,82,889
1876-77	17,05,845	5,44,534	2,00,989	86,278	25,30,546	55,54,165	90,94,894

4. It will be seen from this table that, while there is a net increase of Rs. 2,08,825 in the total revenue in Bengal, this is entirely owing to the sales of judicial stamps, the revenue under the General Stamp Act showing a decrease of Rs. 63,778. Of the sub-heads of general stamps, there was a satisfactory increase in the sale of one-anna receipt stamps, showing that the provisions of the law regarding these stamps are more generally obeyed; but there was a serious falling off in the receipts from hoondee stamps, and a decrease of nearly 4 per cent. (Rs. 67,726) in the sale of non-judicial stamped paper.

5. The Lieutenant-Governor is compelled to regard this result as unsatisfactory, and to add that the explanations given in the report assign no sufficient reasons to account for the diminished revenue of the year. The receipts from general stamps are now less than they were two years ago, while the duties under the Court Fees Act have increased in the same time by more than six lakhs of rupees. It is not reasonable to suppose that litigation has so greatly increased concurrently with a decrease of those monetary and commercial transactions from which the general stamp revenue is derived, and it can only be inferred that the duties leviable under the General Stamp Act are systematically evaded, and that the measures taken to enforce the observance of the law have thus far proved ineffectual.

6. As the stamp receipts have now been made a part of the provincial revenues, the question is one which has an important bearing on the financial position of the Local Government. The conditions imposed by the Government of India assume that the net stamp revenue will increase at the rate of 2½ lakhs per annum. This expectation has not been realized during the year under review, and it cannot be hoped that it will be realized in future if the revenue under the General Stamp Act remains stationary or shows a decrease. The receipts from judicial stamps may be temporarily swelled by the effect of the Land Registration Act, but it is evident that this item does not admit of indefinite expansion, and there are already indications that the normal increase of duties under the Court Fees Act is approaching its limit. The financial safety of the Government as regards the stamp revenue cannot, the Lieutenant-Governor believes, be assured unless the receipts from general stamps show an annual increase of at least $1\frac{1}{2}$ lakh, or (say) 5 per cent. per annum. There can be no doubt that, if the law were generally observed, the increase would be much greater than this; and Mr. Eden desires earnestly to impress upon the Board and upon all revenue officers the importance of their maintaining a vigilant and strict supervision over this department of their duties.

7. The largest amount of stamp revenue is of course realized in Calcutta, but in the following districts the receipts exceeded three lakhs of rupees:—

Districts.	1876-77.			Total of 1875-76.	Total of 1876-77.
	General stamps.	Court fee stamps.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Calcutta	7,58,836	5,62,076	13,20,912	15,67,900	15,63,116
24 Parganahs	89,883	3,37,404	4,27,287	5,14,943	5,31,285
Dacca	1,06,021	3,35,400	4,41,501	3,94,093	5,09,404
Jessore	71,118	3,42,719	4,13,837	4,15,000	4,00,022
Mynonsingh	1,83,342	2,97,979	4,81,321	3,47,231	5,32,753
Bardwan	86,348	4,03,476	3,90,716	3,10,742	5,06,889

8. The district of Dacca, which has hitherto stood fifth in order, now takes the third place. The unfavourable results of the year are shown by the fact that, whereas last year nine districts returned receipts exceeding three lakhs, the number has now fallen to six, Midnapore, Backergunge, and Chittagong being excluded. The receipts in Midnapore have fallen from Rs. 3,05,366 to Rs. 2,63,822, those in Backergunge from Rs. 3,05,088 to Rs. 2,86,714, and those in Chittagong from Rs. 3,02,959 to Rs. 2,97,059. Again, the returns of last year showed 13 districts with stamp revenues below a lakh of rupees: but the number has now increased to 14, the receipts in Beerbhoom being only Rs. 94,702, against Rs. 1,06,647 in 1875-76.

9. It has been already remarked that the reasons assigned in the report for increase or decrease under the several heads do not appear to the Lieutenant-Governor to be sufficient. The views of a district officer upon such a question are useful principally as supplying materials from which a general opinion can be formed. But the Lieutenant-Governor does not gather from the report that any attempt is made by Commissioners to offer any such general opinion as regards their respective divisions, or to do anything more than examine the explanations submitted by individual Collectors. The transfer of a thana from Tipperah to Noakholly, referred to in paragraph 34 of the report, can evidently have done nothing to influence the general result.

10. The Lieutenant-Governor would be glad to receive in future reports a general expression of the Board's opinion as to the causes to which these fluctuations of the stamp revenue may be referred. It is for the Board to say whether, on the whole, trade has been brisk or stagnant; whether the condition of the people has been prosperous or the reverse; whether currency notes have been more or less extensively used for purposes of remittance; whether greater energy has been shown or not in enforcing the provisions of the law. Upon points of this kind the opinion of a central authority, founded upon a general review of the circumstances of the country at large, would be of far more value than a mere reproduction of the causes assigned by district officers, whose views are necessarily partial, and whose information must always be incomplete.

11. The sales of postage, service, and telegraph stamps during the last four years are shown in the following table:—

	Postage.	Service.	Telegraph.
	Rs.	Rs.	Rs.
1873-74	16,15,614	4,16,354	14,30,620
1874-75	16,35,688	4,30,253	15,58,324
1875-76	17,22,063	4,33,263	15,81,671
1876-77	17,47,334	4,58,061	20,04,380

12. This steady increase in the sale of postage and telegraph stamps is a matter for congratulation, though some part of the increase under the head of telegraph stamps is attributed to the influx of business consequent upon the scarcity in Southern and Western India. The larger sales of service stamps are accounted for by the opening of additional public offices, involving an increase of official correspondence.

13. The actual sales of stamps in the Lower Provinces of Bengal, excluding postage, service, and telegraph stamps, amounted during the year to Rs. 93,91,694, as shown in paragraph 8 of this Resolution. But the gross revenue from stamps, including duty on unstamped paper, adjudication fees,

penalties; and some other smaller items of miscellaneous receipt, amounted to Rs. 94,18,536. The charges of the year were Rs. 2,26,004, and the refunds were Rs. 39,083, leaving a net stamp revenue of Rs. 91,53,449, against Rs. 89,47,092 in the year 1875-76. It is satisfactory to find that the charges of the department are not increasing, and it appears that the net revenue has risen about 2 per cent. during the year. But it has been observed above that the estimates of the Government of India assume a much larger increase than has been realized during the year under review.

14. The prosecutions instituted by local officers for infringements of the stamp law are noticed at some length in the report, but the total number of cases and persons, with the proportion of convictions and acquittals, does not appear to be given. The Lieutenant-Governor observes, however, that the Board are of opinion that a creditable degree of watchfulness and activity has been shown by the officers concerned. The amendment of the stamp law is now under the consideration of the Government of India, and it may be hoped that many of the difficulties which are felt in working the present law will be removed by the proposed legislation. The attention of the High Court will be invited to the case referred to in paragraph 100 of the Board's report.

15. Under a system introduced during the year, inspections of mofussil offices and courts are made from time to time by the Inspector-General of Registration and the Inspectors subordinate to him, in order to ascertain whether the rules for the custody, sale, and defacement of stamps are duly carried out. The registration officers are stated to have rendered the Board very useful assistance, and it is anticipated that their inspections will greatly diminish the danger of the fraudulent removal of judicial stamps from records. Only two instances of the commission of a fraud of this kind are known to have occurred during the year.

16. The Lieutenant-Governor notices with satisfaction the commendation bestowed by the Board on the stamp reports submitted by the Commissioners named in the margin, and the favourable mention of the district officers who are specified in paragraph 107 of the report.

Mr. H. A. Cockerell.
Mr. R. L. Manglos.
Mr. F. B. Peacock.
Mr. E. E. Lewis.

The measures recapitulated in paragraph 2 of the report show the care and vigilance with which the administration of the department has been supervised by the Board. The effects of some of these measures have perhaps not yet been completely felt, and in some points the defectiveness of the existing law has proved an obstacle to successful management. But it is satisfactory to find that local officers are fully impressed with the necessity of correct and watchful attention to all details connected with stamps, and the Lieutenant-Governor is confident that he may rely upon the Board to use their utmost efforts to maintain a high standard of efficiency in a department which is of so much importance to the Government in both a financial and an administrative point of view.

By order of the Lieutenant-Governor of Bengal,

H. J. REYNOLDS,
Secy. to the Govt. of Bengal.

COMPLAINTS REGARDING THE INSUFFICIENCY OF BOATS FOR THE SHIPPING BUSINESS OF THE PORT.

No. 192, dated Simla, the 21st May 1877.

From—C. J. LYALL, Esq., Under-Secy. to the Government of India, Department of Revenue, Agriculture, and Commerce,

To—The Secretary to the Government of Bengal, Financial Dept.

I AM directed to forward herewith an extract from the price-current of the Calcutta Chamber of Commerce, dated the 10th May 1877, regarding an alleged insufficiency of boats for the shipping business of the port, and to enquire whether His Honor the Lieutenant-Governor can suggest any remedy for the evil complained of.

Extract from the Calcutta "Chamber of Commerce Price-Current," dated 10th May 1877.

"But even with receipt of their produce exporters' troubles do not cease, for, owing to the building of jetties by the Port authorities, boat-owners have contented themselves with merely keeping in repair such boats as they have, and have ceased building new ones to replace those worn out or lost, and as a result the present number of boats available is far below the requirements of the present shipping business of the port, while the Port Commissioners' arrangements are both incomplete and inadequate. Shippers are being made to pay Rs. 50 or Rs. 60 a day for boat-hire, and even at these figures are unable to secure sufficient for their requirements."

No. 1648, dated Calcutta, the 31st May 1877.

From—H. J. S. COTTON, Esq., Junior Secy. to the Govt. of Bengal, Financial Dept.,

To—The Vice-Chairman of the Commissioners for making improvements in the Port of Calcutta.

I AM directed to forward herewith copy of a letter No. 192, dated the 21st May 1877, and of its enclosure, from the Government of India, regarding an alleged insufficiency of boats for the present shipping business of the port, and to request that the Lieutenant-Governor may be favoured with any observations the Port Commissioners may wish to offer on the subject.

No. 1856, dated Calcutta, the 16th August 1877.

From—W. D. BRUCE, Esq., C.E., Vice-Chairman of the Commissioners for making improvements in the Port of Calcutta,

To—The Secretary to the Government of Bengal, General Department.

WITH reference to the Junior Secretary's letter No. 1648 of the 31st May last, forwarding a communication from the Government of India, with enclosures, regarding an alleged insufficiency of boats for the present shipping business of the port, I am directed to inform you that the Collector of Customs was requested to forward a statement showing the number of cargo-boats registered from 1st November 1867 up to 28th June 1877, and reference was made to the Chamber of Commerce in regard to the statements contained in the extract from the Calcutta Chamber of Commerce's price-current of 10th May 1877, which accompanied the communication from the Government of India. The replies forwarded by the Collector of Customs and the Chamber of Commerce were considered at the 223rd meeting, and the following is copy of a resolution passed thereon:

"Resolved—That in reply to Government letter No. 1648, dated 31st May, and its enclosures, the following remarks be submitted to the Government of Bengal:—

"The statement of cargo-boats registered from the 1st November 1867 up to the 28th June 1877, prepared by the Collector of Customs at the request of the Commissioners, shows that the number of cargo-boats plying in the port has not fallen off; that whereas in the year ending October 1869, prior to the opening of the jetties, only 3,486 cargo-boats were registered during the year ending October 1876; when there were seven jetties at work there were no less than 3,819, and during the current year there were 3,088 boats registered up to 28th June. If to this is added the number of unexpired licenses, the total number of cargo-boats registered to ply within the limits of the port on that date was 4,380. The Commissioners may also state that it is within the personal knowledge of some of the Commissioners that there are a large number of cargo-boats under construction beyond the limits of the port, and also that many of the boats recently constructed are of far larger size than those formerly built. It is not therefore correct to say that 'owing to the building of jetties by the Port authorities, boat-owners have contented themselves with merely keeping in repair such boats as they have, and have ceased building new ones to replace those worn out or lost.'

"The Commissioners are quite aware that during the last few months there has been considerable difficulty in securing accommodation for the shipping business of the port, but

this, in a great measure, is owing to the exceptional trade in rice to the famine districts of Madras, and also to the very large increase in the shipments of wheat to Great Britain. From a statement issued by the Chamber of Commerce, it appears that, during the first six months of 1876, the total quantity of rice shipped from Calcutta was 182,688 tons, while during the same months in 1877 the amount of rice exported was 558,765 tons, and from the same statement it appears that whereas the shipments of wheat to Great Britain reached during the first six months of 1876 a total of 58,703 tons, they amounted to 138,218 tons during the same months of the present year. With reference to the statement made in the Chamber of Commerce's price-current, that the Port Commissioners' arrangements are both incomplete and inadequate, the Commissioners submit a copy of the reply received from the Committee of the Chamber in reply to the Commissioners' request to know on what grounds such a statement was made. It will be observed that the Committee make no complaint regarding the general arrangements at the jetties, or the mode in which they are worked, but confine themselves to pointing out that the available jetty accommodation is insufficient for the requirements of the trade of the port. On this point the Commissioners fully concur with the Chamber. They have already submitted plans and estimate for an additional jetty, to which early sanction is solicited, and they have now under their consideration the question of still further adding to the jetty accommodation."

2. Copies of replies received from the Chamber of Commerce and Collector of Customs are annexed.

No. 1406, dated Calcutta, the 29th June 1877.

From—J. D. MACLEAN, Esq., Offg. Collector of Customs,

To—The Vice-Chairman of the Commissioners for making improvements in the Port of Calcutta.

WITH reference to your letter No. 1084, dated the 22nd instant, I have the honor to forward a statement showing the number of cargo-boats registered from 1st November 1867 to 28th June 1877.

Statement of Cargo-boats registered from 1st November 1867 to 28th June 1877.

NUMBER OF CARGO-BOATS LICENSED FROM—

November 1867 to October 1868.	November 1868 to October 1869.	November 1869 to October 1870.	November 1870 to October 1871.	November 1871 to October 1872.	November 1872 to October 1873.	November 1873 to October 1874.	November 1874 to October 1875.	November 1875 to October 1876.	November 1876 to 28th June 1877.
2,108	2,466	2,806	3,653	3,904	3,805	3,944	3,669	3,619	3,068

Dated Calcutta, the 13th July 1877.

From—H. W. I. WOOD, Esq., Secy., Bengal Chamber of Commerce,

To—The Offg. Secretary to the Port Commissioners.

YOUR letter No. 1069 of the 21st ultimo was submitted for final consideration of the Committee of the Chamber of Commerce at their usual weekly meeting held yesterday, and I was directed to reply as follows:—

Reversing the order of the points of your reference, I am to state, first, that the remarks in the Chamber's price-current of 10th May last, regarding the incompleteness and inadequacy of the Port Commissioners' arrangements, were based on the generally admitted fact that the available jetty accommodation was insufficient for the requirements of the shipping of Calcutta, and that the reply of the Commissioners of 11th May to the Chamber's letter of 28th April, "in order to meet the increased wants of the port the Commissioners are extending the jetty accommodation south of No. 7 jetty," is of itself undeniable confirmation of the statement in the circular.

The purpose of the Commissioners to increase the required accommodation fully justifies the declared inadequacy of their arrangements to meet the wants of the port, and it necessarily follows that their arrangements were to that extent incomplete.

2. The insufficient supply of cargo-boats, the exorbitant rates of hire for those that were available, and the helplessness of shippers to put any check upon the demands of boat proprietors to which they were, by force of circumstances, compelled to submit, were matters of complaint to the Committee of the Chamber, by whom they were submitted to the Commissioners in their letter of 28th April.

The diminution in the fleet of boats, the unwillingness of owners to increase their stock, which had become much reduced, and the special causes to which they were attributed, were also brought to the Commissioners' notice; and when the article in the price-current of 10th May was written, there was no viable improvement.

The Committee are of opinion that the statement in the Chamber's circular was based on sufficiently reasonable grounds, and that the present contract rates nearly double what they were last year, and rates of daily hire, which are enormously in excess of what they have been and should be, conclusively confirm its accuracy.

3. With these remarks in reply to the chief points raised in your letter, it is hardly necessary to state that the Committee entirely approve of the article in the price-current, and that they are glad to find the attention of Government has thereby been drawn to the insufficient supply of boats for the present water-borne traffic of the port, which, however, has no doubt been unexpectedly or rapidly increased by the requirements of the famine in Madras.

MEMORANDUM.

THE competing power of India, as compared to other countries, depends upon the cheapness at which its produce can be shipped.

The cheaper we can lay down our raw materials and grain, the greater will be our exports, the greater our revenues, and the richer the country generally. Freight has fallen *via* Cape to an average of £2-10 per ton, *via* Canal to £3, at which rates ship-owners can get a fair return for their capital. Formerly we used to put produce on board ship here at a charge of Rs. 8 per 100 bags, viz.—

Rs. 4 per cent. for carters and coolies
 „ 4 „ for lighterages
 = to about 2 shillings per ton.

Since the beginning of this year carters and coolies raised their rates to Rs. 8 per cent. and the boat proprietors from Rs. 8 per day to Rs. 110, thus causing the cost of shipping produce to be increased to the fabulous sum of Rs. 68 per 100 bags, or about Rs. 18 per ton.

Although cargo-boats are nothing but public conveyances for the shipments of goods, doing the services of our port, no regulations exist under which the public is protected against extortion on the part of the proprietors of these public conveyances; and these men have been encouraged no doubt by the facility with which merchants allowed them to raise rates, finally established prohibitory charges which are causing widespread ruin to the commercial interests, and which are enhancing the cost of shipping produce to such an extent that the imposition has assumed the character of a “blackmail” levied upon the trade of the port. In the case of shipments to Europe, such a state would very soon result in a material falling off of shipments; but as the rice required by Madras and other famine districts must be sent forward, it has to be sent at a so much enhanced cost, and every bag of rice going to these districts has now to pay a tax of 8 annas per bag to owners of these public conveyances.

The jetty accommodation provided by the Port Commissioners is quite inadequate; and as the boat proprietors who have been allowed to carry on their trade hitherto unrestricted have taken advantage of their position and established, by conspiracy and combination, what amounts to a monopoly, causing an intolerable nuisance, the time has come when this nuisance should be put down for all time to come.

In order to accomplish this, the Port Commissioners should be invested without delay with supreme power over coolies, carters, and boat-owners; and a License Act, bringing these subsidiary carriers of our port under proper regulations and with a minimum tariff, should at once be passed. In doing this, Government will simply fulfil a duty and remedy an evil which has been allowed to grow up, and which is injuring the best interests of the country.

CALCUTTA, the 17th August 1877.

FERDINAND SCHILLER.

No. 2279, dated Calcutta, the 20th August 1877.

From—A. MACKENZIE, Esq., Offg. Secy. to the Govt. of Bengal, Revenue Dept.,
 To—The Secretary to the Board of Revenue, Miscellaneous Revenue Dept.

I AM directed to enclose, for the information of the Board of Revenue, copy of a Memorandum submitted to the Lieutenant-Governor by Mr. Schiller, of the firm of Messrs. Borradaile, Schiller & Co., on the subject of a combination amongst the owners of cargo-boats, and requesting the interference of Government and the publication of a tariff of maximum rates for boats.

2. The Lieutenant-Governor has seen Messrs. Schiller and Brown on the subject of this representation, and has consulted several gentlemen interested in the shipment of rice to the Madras ports, and has also consulted the Collector of Customs and the Vice-Chairman of the Port Commissioners on the subject.

3. It appears that the combination is mainly the result of special pressure of business in consequence of the shipment of food grains to the Madras ports. The charges of the cargo-boat-owners are so exorbitant as to seriously interfere with the trade. It is of the utmost importance that everything which it is possible to do should be done to expedite the loading of rice ships, and there appears to be no great difficulty in making such arrangements as will have the effect of relieving the present pressure upon shippers.

4. The boats which bring down food-grain from the interior may be permitted to go straight alongside ships loading for Indian ports under such a pass as may be determined upon.

5. In the same way, food-grain may be loaded and sent on board such ships in ordinary country boats similarly protected, the rule which now makes it necessary that no cargo should be shipped, except on a licensed cargo-boat, being suspended from the 21st August to the 1st November in respect to ships loading grain for Indian ports.

6. For the purpose of drawing out the details of such a scheme, the Lieutenant-Governor has appointed a Committee consisting of the following gentlemen :—

Mr. C. T. Buckland.

„ J. D. Maclean, Collector of Customs.

„ F. Schiller.

„ Bazett Colvin.

„ R. Steel.

„ W. D. Bruce, Vice-Chairman of the Port Commissioners.

7. The Committee will be good enough to determine the nature of the pass which will be sufficient to protect the Government revenue, and the forms which it is absolutely necessary that shippers should go through for the purpose, and having done this, should give the greatest relief which it is possible to give in respect to forms and procedure. This having been done, the Board of Revenue may give the necessary orders for at once carrying out the arrangement determined upon, reporting their proceedings to Government.

8. The Board will be good enough to endeavour to get the matter quickly settled—to-morrow, if possible.

No. 2767, dated Calcutta, the 24th August 1877.

From—BABOO RAJENDRA NATH MITRA, Acting Asst. Secy. to the Govt. of Bengal,

To—The Secretary to the Government of India, Department of Revenue, Agriculture, and Commerce.

I AM directed to acknowledge the receipt of your letter No. 192, dated the 21st May last, and enclosure, regarding an alleged insufficiency of boats for the present shipping business of the port of Calcutta.

2. In reply, I am desired to submit, for the information of His Excellency the Governor-General in Council, a copy of a letter from the Vice-Chairman of the Port Commissioners. No. 1858, dated 16th instant, and enclosures, on the subject, as also copy of a letter issued from the Revenue Department of this office to the Board of Revenue, No. 2279, dated the 20th idem, showing the measures taken by this Government to meet the present exceptional demand for boats.

No. 609B, dated Fort William, the 28th August 1877.

Memo. by W. H. GRIMLEY, Esq., Offg. Secy. to the Board of Revenue, L. P.

COPY of the following (with the printed form) submitted to the Secretary to the Government of Bengal in the Revenue Department, with reference to paragraph 7 of Government order No. 2279, dated 20th instant, for information.

No. A, dated Calcutta, the 22nd August 1877.

From—J. D. MACLEAN, Esq., Collector of Customs, Calcutta,

To—The Offg. Secretary to the Board of Revenue, L. P.

I HAVE the honor to report, for the information of the Board, that the Committee appointed under orders of the Government of Bengal, No. 2279, dated the 20th August 1877, met on the 21st idem and considered the questions referred to them in those orders, and arrived at the conclusion that the objects required would best be met by such a course as is laid down in the notification which appears in to-day's *Gazette*, of which I give a copy :—

“*Notification.*—Notice is hereby given that from 21st August until 1st November 1877, or till further notice, food-grains for Indian ports may be water-borne for shipment, or shipped in any class of boat available, under special permits from the Collector of Customs. Printed books containing the special permits will be supplied to every shipping firm on application to the Collector of Customs.”

P.S.—I also enclose a specimen of the special permit referred to in the notification, of which 10,000 have been prepared for supply to the public upon demand.

SPECIAL PERMIT.

This boat is permitted to convey food-grains to the ship bound for

Grain covered by

Export Pass No. dated

J. D. MACLEAN,

Collector of Customs.

This permit will not protect a boat conveying food-grains for which the shipping bill, as provided in section 125, Act VI of 1863, has not been delivered at the Custom House.

No. 2408, dated Calcutta, the 6th September 1877.

From—H. H. RISLEY, Esq., Offg. Under-Secy. to the Govt. of Bengal,
To—The Secy. to the Board of Revenue, Miscellaneous Revenue Dept.

With reference to your endorsement No. 609B, dated the 28th ultimo, and enclosures, I am directed to say that the Lieutenant-Governor approves the proceedings of the Committee specially appointed to devise means for affording facilities to the shipment of food-grains for Indian ports.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

NAMES OF MARKS.	STOCKS IN HAND AS COMPILED ON						
	2nd October 1877.	5th October 1877.	9th October 1877.	12th October 1877.	16th October 1877.	19th Oct. 1877.	23rd Oct. 1877.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	5,03,400	4,51,000	4,18,000	4,40,800	4,63,800	5,04,000	5,40,000
Doltadanga	53,600	55,500	54,000	54,800	30,300	58,000	60,000
Chitpore, Golabaree, Coomer- tooly, Hatkhola, and Culpay ghat.	6,97,500	7,09,300	7,38,500	7,39,100	7,39,400	8,50,000	8,18,700
Pashurighatta, Posta, and Jora- bagan.	37,900	35,100	39,300	30,900	27,400	24,700	22,500
Tollygunge, Chitlsh, Kidderpore, and Moonshingunge.	1,33,500	2,06,800	2,22,000	2,35,000	2,23,200	1,91,800	1,07,900
21 minor Basars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,139 in num- ber (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Bordyabatty, Nowabgunge, Bhuddrosaur, and Chander- nagore.	20,000	25,000	20,000	20,000	30,000	30,000	30,000
Total ...	20,80,900	20,37,700	19,83,200	20,23,000	20,04,100	20,98,000	21,07,900
On railway premises, both sides the river.	47,536 (on 1st Oct.)	41,606 (on 4th Oct.)	38,321 (on 6th Oct.)	35,194 (on 11th Oct.)	30,370 (on 15th Oct.)	30,140 (on 18th Oct.)	14,536 (on 22nd Oct.)
On boats unloaded as by { Port Commissioners' returna. ...	1,21,043 (26th to 20th September.)	1,43,412 (30th Sept. to 2nd Oct.)	1,65,712 (3rd to 6th Oct.)	1,11,978 (7th to 9th October.)	1,09,845 (10th to 13th October.)	80,789 (14th to 16th October.)	1,23,200 (17th to 20th October.)
Canal returns ...	1,32,567 (30th to 20th September.)	89,023 (30th Sept. to 2nd Oct.)	97,629 (3rd to 6th Oct.)	80,251 (7th to 9th October.)	59,473 (10th to 13th October.)	50,933 (14th to 16th October.)	76,028 (17th to 20th October.)
Grand Total of Stocks ...	23,81,846	22,77,341	22,77,802	22,34,023	21,63,789	22,50,865	23,83,073
Probable stocks available for exportation by sea ...	12½ lakhs.	11½ lakhs.	11½ lakhs.	11 lakhs.	10½ lakhs.	11 lakhs.	12½ lakhs.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

ABSTRACT OF REPORTS ON DISTRICT STOCKS OF RICE, &c., AND MOVEMENTS OF PRICE IN BENGAL, RECEIVED UP TO THE 23rd OCTOBER 1877.

N. B.—No reliance can be placed on the accuracy of figured estimates of stocks in the interior; at best a rough approximation is all that can be expected.

Burdwan, 20th October 1877.—The stock in hand in Burdwan town is 20,000 maunds, and in Raneegunge 8,000 maunds. The exports have been nearly 1,000 maunds, and the imports 500 maunds daily. The prices of rice are the same as before.

Bankoora, 20th October 1877.—The price of common rice is 17 or 18 seers per rupee. There is no demand for exportation.

Beerbhoom, 21st October 1877.—The amount of grain exported during the week was about the same as in the previous week. Prices are falling, the average being now 17½ seers per rupee.

Hooghly, 20th October 1877.—The exports during the week were about 1,200 maunds, and the imports about 7,000 maunds. Prices are stationary; coarse rice is selling at 12 seers and wheat at 13 seers per rupee.

Haerah, 23rd October 1877.—The slight fall in prices reported last week is maintained. Trade has been inactive during the week.

24-Pergunnahs, 20th October 1877.—There has been no change in the prices. Export of rice continues from Diamond Harbour, Barripore, and Baraset.

Nuddea, 20th October 1877.—In Kooشتهa sub-division the imports were 7,475 maunds, and the exports by rail to Calcutta only 2,190 maunds. From Meherpore sub-division 18,000 maunds of wheat and gram were exported to Calcutta and Hanksbally. The external trade of Chooadangah, Bongong, and the Sudder sub-division has been very trifling. Prices seem to be falling, and coarse rice is procurable in different localities at prices varying from Rs. 2-2 to 2-12 per maund. The usual rate seems to be Rs. 2-4 to 2-8 per maund.

Jessore, 20th October 1877.—Prices have slightly fallen throughout the district. Exportations registered at Khoolna amount to 2,755 maunds. In Bagirhat common rice has fallen to 13 seers per rupee, which is very considerably easier than the rate (9 seers) which prevailed three weeks ago. In Jhenidah it has fallen from 4½ to 3½ pice a seer, and the sub-divisional officer says the anxiety has passed away. There are everywhere supplies adequate to local demand.

Moorshedabad, 20th October 1877.—Both imports and exports are decreasing. The Jungypore returns shew:—Imports—*poorbee dhan* 1,600 maunds; Exports—rice 16,000 and paddy 2,200 maunds. The prices at Berhampore are—best rice 9 seers, common rice 13, and *aus* 15 seers per rupee. At Jungypore best rice 13½, common rice 15, and *aus* 19 seers.

Dinagore, 19th October 1877.—There is no more rice for export. Rice is being sold from 15 to 26 seers per rupee.

Rajshahye, 20th October 1877.—During the week 3,594½ maunds of rice were exported from the different marts and gunges in the district, exclusive of what was exported from Nowgong, from which no report was received up to 20th instant. The stock available for exportation is a little less than 4½ lakhs of maunds. 4,975 maunds of pulses were exported. The price of common rice during the first six days of the week was from 17½ to 20½ seers per rupee, and on the 20th from 16½ to 20 seers.

Rungpore, 19th October 1877.—The price of rice is now somewhat cheaper at headquarters than that prevailing last week. Exportation from the Kurigram sub-division remains much the same as last week. The exportations from Gaibunda sub-division were 3,825 maunds to Pubna, Nattore, Furreedpore, and Serajgunge, and 1,236 maunds to Assam and Calcutta.

Bogra, 20th October 1877.—The price of rice is dearer in three places, cheaper in two, and the same in seven. 8,600 maunds were exported to Calcutta, and 700 maunds imported from Dinagore.

Pubna, 20th October 1877.—In Pubna town coarse rice is sold at Rs. 1-12 or 1-13, *poorbee* at Rs. 2-2 or 2-3, paddy Rs. 1-1-6, wheat Rs. 2, &c. The price of rice has lowered a little owing to late importations. At Dulai *amun* rice is 16 seers, and *aus* rice is 18 seers per rupee. At Mothoora rice is 17 seers per rupee; the state of *amun dhan* here is precarious. At Chhatmohur *amun* rice is Rs. 2, and *poorbee* Rs. 1-14 per maund; about 2,000 maunds of rice were exported from this place to Calcutta during the week. At Serajgunge *amun* is Rs. 3-2 or 3-3, and *aus* Rs. 2-12 or 2-14 per maund; about 1,500 maunds of rice were exported to Calcutta. At Shazadpore and Ullaparah rice is Rs. 2-13 per maund. At Raigunge there has been no change in the price.

Darjeeling, 19th October 1877.—The price of common rice has fallen during the week, but that of the finer quality has remained stationary. No serious inconvenience is felt from the present rates. The stock of food-grain in the market is ample for the wants of the district, and the prospects of the winter crops are very good.

Cooch Behar, 18th October 1877.—The prices of food-grains continue the same as reported last week. No failure of supplies are apprehended anywhere. No rice was exported or imported during the week.

Dacca, 20th October 1877.—Exportation is practically stopped, and prices have been very much reduced, so that many traders have withdrawn their stock from the market rather than sell at the prices offered, namely Rs. 2-8 per maund. Local supplies are ample, and retail prices

have fallen proportionately. Any attempt at large purchases would at once stiffen the market.

Furzedpore, 20th October 1877.—There has been a slight fall in the price of rice since last return, the average throughout the district being 13 seers the rupee. Importation is still slack, and practically there is very little exportation.

Mymensingh, 19th October 1877.—Prices still high. Exportation slack.

Tipperah, 19th October 1877.—Prices have fallen and will probably continue to fall. Good rice is sold at from Rs. 2-10 to 3-4 per maund. Exports are not so large as they were.

Noakhally, 18th October 1877.—Prices of food-grains are somewhat easier. Coarse rice is at 13 and 14 seers per rupee in the mainland markets, at 15 and 16 seers in Sundeeep, and at 11 and 12 seers in Hâtiya. Importation is slack, and there is no exportation from the district.

Chittagong Hill Tracts, 16th October 1877.—Prices continue the same, except at Rangamati, where rice is sold at Rs. 5 per maund.

Hill Tipperah, 17th October 1877.—Prices continue high. There has been no special activity in the markets.

Patna, 20th October 1877.—Prices are easy.

Gya, 20th October 1877.—The prices during the week were stationery.

Durbhunga, 20th October 1877.—Prices are gradually, though slightly, falling.

Mozufferpore, 20th October 1877.—Exportations are increasing, but owing to improved prospects prices are easy.

Sarun, 20th October 1877.—During the week the imports from Mozufferpore, Patna, Fyzabad, Nawabgunge, Purneah, and Shahabad amounted to 8,775 maunds. There were no exports to Calcutta. The stock in hand is 14,470 maunds. The prices were—wheat 14½, barley 19, best rice 7½, common rice 11½, paddy 20½ seers per rupee.

Chumprun, 20th October 1877.—Prices have slightly fallen at Motihari, and slightly risen at Bettiah. Some exports towards Chuprah are reported.

Monghyr, 20th October 1877.—The food-grains on sale at the different marts and gunges during the week were 1,983 maunds of rice, 19,463 maunds of wheat, 2,638 maunds of ratur, 134 maunds of dhan, 9,014 maunds of gram, &c.

Bhagnulpore, 21st October 1877.—Owing to reports of good rainfall all over the country, export from here has almost stopped, and prices have fallen. Much of the stocks collected for export now come into the local market, and prices must continue to fall, specially with a prospect of a bumper rice crop and a fair start for the rubber.

Purneah, 20th October 1877.—Rice and pulses are being exported from the southern part of the district to Sahabgunge and other places on the railway. There is also some export from the banks of the Koosi to the Upper Provinces.

Maldah, 20th October 1877.—There has been no change in the price of common rice this week. The average is still 19 seers per rupee.

Cuttack, 20th October 1877.—Exports this week at False Point amount to 15,386 maunds, against 20,427 maunds during last week. Prices in the interior are much the same, but slightly cheaper in the town. The export to Madras is less brisk, but the normal trade to the Mauritius is reasserting itself. Beali is entering the market and is keeping prices from rising. Stocks are sufficient for export.

Pooree, 18th October 1877.—The supply of rice to inland markets has increased. Prices are almost unchanged. The rates are 9½ to 15½ seers per rupee. Export continues to Madras Presidency.

Balasore, 19th October 1877.—The exports this week are very small, only 8 maunds of rice and 782 maunds of paddy having been sent from Chandbally to Calcutta. The price of clean red rice ranged from Rs. 1-15 to 1-12 per maund in Balasore, and from Rs. 2-4 to 2-7 at Chandbally, closing at the latter place at Rs. 2-6. The fallen price at Balasore is probably owing to the rain. Stocks in Balasore amount to 95,000 maunds of rice, and at Chandbally to 52,050 maunds of rice and 1,200 of paddy.

Hazareebagh, 19th October 1877.—Matters remain unchanged. Markets continue well supplied, and prices the same as before.

Lohardugga, 19th October 1877.—The bazars are well supplied with food-grains. Prices are steady. Rice is being exported from Ranohee to Hazareebagh district.

Singbhum, 19th October 1877.—The markets continue to be well supplied with food-grains. There has been no change in the prices since last report. Exportation is insignificant.

Mandhoon, 20th October 1877.—There is not much to report. There is little exportation going on at present. The supply of grain throughout the district is sufficient, though in some places the price of rice continues high.

RAJENDRA NATH MITRA,

Offg. Asst. Secy. to the Govt. of Bengal

STATEMENT SHOWING SEASONAL RAINFALL FOR EACH SUB-DIVISION IN BENGAL.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
NAMES OF DIVISIONS AND DISTRICTS.		REGISTERED RAINFALL IN INCHES AT ALL THE STATIONS NAMED IN COLUMN 2.															
Names of stations.		Fall to end of April (4 months).			Fall to end of June (6 months).			Fall to end of August (8 months).			Fall in September (1 month).			Fall after September, and to end of December (3 months).			Total fall of the year.
		Average of years, as per column 3.	Fall in 1877.		Average of years, as per column 3.	Fall in 1877.		Average of years, as per column 3.	Fall in 1877.		Average of years, as per column 3.	Fall in 1877.		Average of years, as per column 3.	Fall in 1877.		Average of years, as per column 3.
Burdwan Division.		Years.	Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.		Inches.
Burdwan	Burdwan	14-18	615	574	4173	1647	4585	4635	631	257	5445	4812	616	6768	6768		
	Cuttack	6-7	460	768	1113	2240	3397	3397	731	707	5091	6504	319	4670	4670		
	Cuttack	6-7	435	768	1113	1844	3397	4738	523	271	4470	6504	435	4670	4670		
	Road-Road	6-7	397	524	1673	1123	3738	4012	319	846	4157	4554	431	5183	5183		
	Rareestunga	7	319	524	1673	1123	3738	4012	319	846	4157	4554	335	4744	4744		
Bardhaman	Bardhaman	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
	Bardhaman	17-19	434	476	1836	1493	4166	3866	583	1130	6019	5096	607	5686	5686		
	Bardhaman	18-14	599	615	1495	1330	4053	4542	720	1523	4691	5545	444	5436	5436		
	Bardhaman	2	546	737	3166	2106	6040	4312	1061	1533	7101	5533	250	5531	5531		
	Bardhaman	11-13	439	1032	2131	2190	4384	4093	596	909	5760	4301	658	6906	6906		
Midnapore	Midnapore	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
	Midnapore	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
	Midnapore	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
	Midnapore	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
	Midnapore	6-6	433	725	1885	2306	4133	6656	147	946	3382	7537	630	6013	6013		
Hooghly	Hooghly	13	505	638	2583	2118	4811	4606	766	468	5599	5074	450	6049	6049		
	Hooghly	5-6	528	844	1563	2054	4165	4623	657	386	4532	5014	611	5463	5463		
	Hooghly	8-9	711	1048	2377	1994	4976	5195	1090	681	3876	5856	650	6826	6826		
	Hooghly	8-9	711	1048	2377	1994	4976	5195	1090	681	3876	5856	650	6826	6826		
	Hooghly	8-9	711	1048	2377	1994	4976	5195	1090	681	3876	5856	650	6826	6826		
Presidency Division.																	
24-Pargannas	24-Pargannas	9-10	500	725	8094	2127	4983	5658	1367	898	6540	1105	1105	7435	7435		
	24-Pargannas	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	24-Pargannas	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	24-Pargannas	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	24-Pargannas	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
Coochbehar	Coochbehar	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	Coochbehar	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	Coochbehar	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	Coochbehar	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
	Coochbehar	6-7	631	907	2503	1935	4922	3390	909	879	5331	6178	436	6436	6436		
Nuddea	Nuddea	13-14	633	1232	2514	2349	4547	6500	685	131	533	6691	445	6673	6673		
	Nuddea	13-14	633	1232	2514	2349	4547	6500	685	131	533	6691	445	6673	6673		
	Nuddea	13-14	633	1232	2514	2349	4547	6500	685	131	533	6691	445	6673	6673		
	Nuddea	13-14	633	1232	2514	2349	4547	6500	685	131	533	6691	445	6673	6673		
	Nuddea	13-14	633	1232	2514	2349	4547	6500	685	131	533	6691	445	6673	6673		

Jaunpur	14-17	5-25	5-45	57-60	24-31	40-45	50-55	55-58	7-9	8-10	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11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Statement showing seasonal rainfall for each Sub-Division in Bengal.—(Continued.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
REGISTERED RAINFALL IN INCHES AT ALL THE STATIONS NAMED IN COLUMN 2.																
NAMES OF DIVISIONS AND DISTRICTS.	NAMES OF STATIONS.	Number of years, the total rainfall whereof is taken for the average (full period).	Fall to end of April (4 months).		Fall to end of June (6 months).		Fall to end of August (3 months).		Fall in September (1 month).		Fall to end of September (9 months).		Fall after September and to end of December (3 months).		Total fall of the year.	
			Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.	Fall in 1877.	Average of years, as per column 3.
Chittagong Division.	Chittagong ...	17-19	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
	Chittagong ...	6-7	793	639	3862	3239	4523	10039	1294	2189	9019	12283	540	10439	10439	
	Coz's Bazar ...	6-7	584	419	11754	3711	11754	13531	165	1484	13574	16035	599	14878	14878	
	Koakhilly ...	17-19	729	1132	3980	4432	8103	10130	1592	1879	9897	19079	930	10687	10687	
	Chittagong Hill Tracts ...	6	803	1693	3357	3702	7242	10224	1119	2224	8361	13148	930	9231	9231	
Hill Tipperah ...	Hill Tipperah ...	4-5	1084	1616	4342	3385	6267	6939	603	975	7070	7837	639	7629	7629	
Patna Division.	Patna ...	17-19	179	311	943	921	2513	2719	747	411	3533	4239	291	3874	3874	
	Patna ...	6-7	199	434	915	1456	5183	3337	617	634	4106	3271	219	4534	4534	
	Patna ...	6-7	135	323	801	1246	2671	2671	966	521	3734	3192	263	4039	4039	
	Patna ...	6-7	91	792	792	531	3283	1739	670	141	3046	2023	171	4132	4132	
	Patna ...	6-7	121	257	994	531	3063	1739	572	141	3046	1579	281	4321	4321	
	Patna ...	11-13	196	321	833	1497	3065	3146	699	934	2674	4040	324	4635	4635	
	Patna ...	6-7	159	557	1020	1540	3435	3745	754	767	4249	4332	434	4613	4613	
	Patna ...	6-7	176	1031	783	2210	3128	3131	693	183	4043	4043	257	4349	4349	
	Patna ...	6-7	900	545	674	1043	3225	2229	464	730	3645	2479	233	3818	3818	
	Patna ...	17-19	244	446	1050	1175	3375	2139	903	123	4740	2574	291	4631	4631	
	Patna ...	6-7	104	437	791	924	3324	2161	616	404	419	2591	406	4544	4544	
	Patna ...	6-7	128	801	790	977	3076	1872	432	136	3914	3914	329	4247	4247	
	Patna ...	6-7	194	515	949	702	3871	2673	751	427	1653	2193	290	4843	4843	
	Patna ...	13-15	229	399	1042	727	3621	1921	194	280	3972	2240	370	4347	4347	
	Patna ...	6-7	157	1216	1146	1582	3245	2711	152	271	4194	3701	335	4633	4633	
Durbhunga ...	Durbhunga ...	6-6	305	482	1636	1037	3255	3137	104	241	4311	3373	264	4375	4375	
	Durbhunga ...	6	175	346	1083	603	3341	3691	1090	736	1431	4476	186	4619	4619	
	Durbhunga ...	6-6	373	391	1294	1179	3176	2580	1129	1489	4303	2819	204	4309	4309	
	Durbhunga ...	6	210	478	1109	819	2964	2590	949	129	5913	2819	139	4972	4972	
	Durbhunga ...	17-20	206	445	391	693	2647	2177	703	221	3339	2400	284	3814	3814	
Saron ...	Chupra ...	6-7	190	523	1276	1161	2386	2386	1169	044	6743	2940	875	5133	5133	
	Saron ...	6-7	190	523	1276	1161	2386	2386	1169	044	6743	2940	875	5133	5133	
Champuram ...	Modbaras ...	11-13	303	632	1434	894	3489	2574	927	063	4418	2536	691	4617	4617	
	Bethlah ...	6-6	373	681	1498	1590	3661	2436	1323	065	6196	3534	136	4817	4817	

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 20th October 1877.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, Oct. 20 '77	·87	The rainfall at Culna has been 2·06, Cutwa nil, Bood-Bood ·68, Raneergunge 1·64 and Jehunabad 8·03. The prospects of <i>amra</i> paddy and sugarcane are good. The rain at Jehunabad and Bood-Bood has done immense good to the crops. Fever continues prevalent at Culna.
	2 Bankoora, „ 20 „	Nil	No rain during the week. The cold weather seems to be setting in. No change to report about the crops. A little more rain would do much good, especially in the south-east of the district. Fever has broken out at Jaipore, and there have been two or three cases of cholera at Gangajughati.
	3 Beerbhoom, „ 20 „	Nil	Weather—seasonable. State and prospects of the crops continue to be excellent. The rice is changing colour.
	4 Midnapore, „ 20 „	·65	One good shower on the 15th. Since then the cold weather seems to have set in. The rain appears to have been sufficient to secure at least an average crop everywhere, except in the Tumlook sub-division, where it has been very scanty, and less than an average crop is expected.
	5 Hooghly, „ 20 „	Nil	Weather—fair and slightly cool. Another shower of rain is wanted to ensure a full crop.
	Howrah, „ 23 „	·25	Weather rather warmer than last week. The prospects of the <i>amra</i> crop continue good, but a little more rain is wanted in parts.
<i>Central Districts.</i>			
PRESDENCY DIV.	6 24-Pergunnahs, Oct. 20 '77	·81	Weather—generally fair, with occasional showers. The approach of cold weather is apparent in the morning. The prospects of <i>amra</i> are promising, and the last rain has proved beneficial to the crops on the ground. Public health is fair, though several cases of cholera are reported from Barrackpore and Diamond Harbour. Fever prevails at Barripore and Sathkira.
	7 Nuddea, „ 20 „	Nil	Weather—fine and seasonable. The prospects of all crops are good, though more moisture would be of benefit to the late rice.
	8 Jessore, „ 20 „	·43	Weather—generally dry. Nights cool, with heavy dews. Heaviest rainfall at Khoolna, 2·26 inches. The prospects of the crops are generally good. More rain is required in parts of Bagirhat.
	9 Moorsshedabad, „ 20 „	Nil	Bright days with hot sun; mornings and nights cool. The prospects of the <i>amra</i> rice continue very satisfactory; but a good shower of rain at an early date would be of advantage to the crop on the higher lands. <i>Rubbee</i> sowings have commenced. Sugarcane and mulberry are doing well. Fever of an ordinary type is somewhat prevalent, but on the whole the public health is good.
RAJSHAHY AND COOCH BEHAR DIV.	10 Dinagepore, „ 19 „	·19	Weather—seasonable. The <i>Madai</i> crop has been harvested, and has yielded a 14-anna crop. The state and prospects of <i>Saimusti</i> are good.
	11 Rajshahye, „ 20 „	Nil	No rain at the Sudder station, but a fall of ·43 of an inch is reported from Nattore, which is said to have improved the condition of the winter rice. Generally the prospects of the standing crops are good. Lands are being prepared for the sowings of the spring crops.
	12 Rangpore, „ 19 „	·79	4·61 at Gaibanda and 1·03 at Kurigram. The cold weather appears to have set in. The state and prospects of the crops continue to be very favourable. Public health is very good for this time of year.
	13 Bogra, „ 20 „	Nil	Weather—bright and clear. Days hot; early mornings and evenings rather cool. The <i>amra</i> and other crops are getting on well, and will probably give a good outturn. It is reported from Sherepore that the dryness of weather during the greater part of the week has removed the apprehension of the low land <i>amra</i> being damaged by rain. There was slight fall of rain during the early part of the week, which has done good to the standing crops. With the exception of a little sporadic sickness, the health of the people is good.
	14 Pubna, Oct. 20 '77	·03	Weather—fine, cool, and seasonable. More rain is wanted for the <i>amra</i> crop. The prospects of the <i>rubbee</i> crops appear to be favourable. Fever is prevalent in the Sudder station, and cholera in Serajunge, Shazadpore, and Haigunge. In Serajunge town alone there have been above 200 cases.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(Continued.)			
<i>Central Districts.</i>			
RAJSHAHY AND COOCH BEHAR DIV.	15 Darjeeling, Oct. 19 '77	14	There was a shower on the 18th. No rain has fallen since, but there has been a good deal of thick mist. The crops throughout the district are progressing favourably. <i>Haimunti</i> rice is in the ear in some places.
	16 Julpigorse, „ 20 „	Nil	Weather—generally fair, but occasionally cloudy. The state and prospects of the <i>haimunti</i> rice crop continue to be good and favourable. The <i>rubbee</i> sowings are progressing, and lands are being prepared for tobacco and mustard.
	Cooch Behar, „ 18 „	Nil	33 at Mekligunge, 2.66 at Mathabhangra, and .75 at Dinhatra. Weather cool. Mornings sometimes foggy. Heavy dews. Very little wind. No change about the crops since last report. Tobacco is being re-sown everywhere. Fields are being ploughed for the cold weather crops. Public health is good, but the usual fever is prevalent.
<i>Eastern Districts.</i>			
Dacca Div.	17 Dacca, Oct. 20 '77	22	Weather—seasonable; cooler in the morning, but very hot during the day. The prospects of the crops are favourable. The rivers are now falling rapidly, and only a few showers are wanted for the high land crops. Cholera prevails at Narajungge and in the Munickjungge sub-division.
	Forreedpore, „ 21 „	Nil	Weather—fair and seasonable. .45 at Madaripore. The average outturn of the <i>aman</i> crop may be fairly estimated at 8 annas.
	19 Backergunge, „ 18 „	25	Weather—cool; more rain is wanted for the crops on the high lands. Prospects generally are good.
	20 Mymensingh, „ 19 „	1.40	Weather—fair. The prospects of the crops are not very favourable.
CHITTAGONG DIV.	21 Tipperah, „ 19 „	1.63	Weather—showery during the first two days; fine and cool during the rest of the week. 2.87 at Bramunbariah. The prospects of the winter rice are good.
	22 Chittagong, „ 18 „	.03	Mornings clear and evenings fresh. The present prospects of the <i>aman</i> crop are favourable. Some rain will be required for the late transplantings. The sowings of cold-weather crops continue.
	23 Noakholly, „ 18 „	1.86	Heavy rain with thunder and lightning on the 13th. Since 15th the wind has been blowing from the north. The mornings are foggy, and the cold weather has begun to set in. The <i>aman</i> crops are progressing very favourably at present. Public health is good.
	24 Chittagong Hill Tracts, „ 16 „	.35	Heavy fogs every morning up to 9 A.M. The gathering of the <i>joom</i> paddy crop still continues.
	Hill Tipperah, „ 17 „	2.25	Rain on three days of the week. The temperature has fallen considerably. The late rain will do much good to the crops. The <i>aman</i> crops are very promising.
BEHAR.			
PATNA DIVISION.	25 Patna, Oct. 20 '77	Nil	Prospects of the crops are good.
	26 Gya, „ 20 „	Nil	Sky clear, with occasional fleecy clouds. No rain at Aurungabad and 12 at Nowada. The promise of the <i>rubbee</i> is everywhere good, and all <i>rubbee</i> crops are being extensively sown. The rice outturn will be about a half of a full crop over the whole district. The rice crop of Nowada is reported a full average, but in the south of the district and in the Aurungabad sub-division, the Collector fears a countervailing deficiency. Not more than ten annas of the rice land were brought under cultivation, and the crop on it is certainly less than an average.
	27 Shahabad, „ 20 „	Nil	Weather—sunny, bright, and clear. Mornings and evenings cool. No rain during the week. The showers which fell last week have benefited the <i>bhadoi</i> crops on the ground, viz. <i>kodu</i> , <i>arhar</i> , and <i>bajra</i> . The <i>rubbee</i> crops are being rapidly sown. The paddy, where there has not been sufficient rain, and not within the reach of the canal water, is being cut down and used for fodder. More rain is wanted for <i>dhan</i> . No report received from Sasarrain.
	28 Durbhunge, „ 20 „	Nil	No rain during the week. Prospects of the winter rice crop are excellent. General health is good.
	29 Mozafferpore, „ 20 „	Nil	Weather—bright and hot. In the Hajepore and Mozafferpore sub-divisions the prospects of the rice crop are good, and the <i>rubbee</i> sowings are progressing well. In the Seetamarhee sub-division the rice crop is drying up here and there on the high lands, and rain is much wanted.
	30 Saran, „ 20 „	Nil	Weather—clear. No signs of rain. Mornings and evenings cool. Dews at night. East and west wind. <i>Rahar</i> , sugarcane, and <i>kapas</i> are doing well. <i>Rubbee</i> is being put in the ground. Indigo fields are being prepared for the next year's crop.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(Continued.)			
PAINA DIVISION.	31 Chumpan, Oct. 21 '77	Nil	Weather warm for the season and very bright. The slight rain of the week before last freshened the rice, and enabled the ryots to plough, and to sow a little <i>rubbee</i> . But much more is still wanted to make a good rice crop, and rain falling in the next <i>nichitra</i> (the <i>savathi</i>) is apt to spoil the flowers. A good deal of rice in the south of the district had been spoilt before the late rain fell. There is just enough moisture in most places for the <i>rubbee</i> to germinate, but not nearly enough for its good growth. The tanks are still very low. No rain at Bettiah during the week. There has now been in all since the 18th ultimo at Motiharee 1.43 and at Bettiah 1.32, falling on four days at each place, from the 7th to the 12th instant. Sagowlee only had 8 inches since 12th ultimo. The total fall up to date is about 22 and 18 inches below the averages of the two places respectively. Public health is good.
	In the report of this district dated 30th September 1877, published in the <i>Calcutta Gazette</i> of 3rd idem, for "Bettiah 0'05, against 13.25," read "Bettiah, 13.25, against 0'88."		
BHAGULPORE DIV.	32 Monghyr, " 20 "	Nil	Weather—warm in the day and cool at night. 1.75 at Begoesera and 1.23 at Jamee. Owing to the rains in the beginning of the month, the rice crop is favourable, and the <i>rubbee</i> crops are being sown, the ground being moist.
	33 Bhagulpoore, " 20 "	Nil	Weather—bright, cloudless sky; very hot when the wind drops. State and prospects of the crops are excellent. The late rain came on the very day it ought to come according to the Hindoo calendar. The rice crop will now be an unusually large one, and a very large area is ready for <i>rubbee</i> sowing.
	34 Purneah, " 20 "	Nil	Weather—fine and clear. The winter crop promises well, but a little more rain would be beneficial. Ploughing is going on briskly for the <i>rubbee</i> crops.
	35 Maldah, " 20 "	Nil	Weather—fair. Light rain fell in some parts of the district. The crops are thriving.
	36 Southal Pergah, " 21 "	Nil	No rain during the week. Everything promises well.
ORISSA.			
ORISSA DIV.	37 Cuttack, Oct. 20 '77	2.17	Heavy rain at the beginning of the week; since then the weather has been fine. The rain has done a great deal of good. The low land <i>saradh</i> is doing well, but the high land crop requires a little more rain. Cholera is less prevalent. General health is good.
	38 Pooree, " 18 "	3.23	Weather—hot and cloudy at intervals. 1.30 at Khoordah. There was rain in almost all parts of the district, but more is needed. There was a heavy shower in the tract between the Chilka and the sea, and $\frac{1}{10}$ th of the paddy crop may be saved there. In Khoordah rain is much needed.
	39 Balasore, " 19 "	2.06	Heavy rain at the beginning of the week. Since then the weather has been hot. The rain has been pretty general and of great benefit to the rice which is now in ear and coming on well. More rain, however, is wanted in the west of the Trunk Road and in the south of the district.
CHOTA NAGPORE.			
South-West Frontier Agency.			
	40 Hazareebagh, Oct. 19 '77	Nil	Weather—seasonable. Settled fair. There is no change to report about the crops. Much of the <i>dhau</i> grown on the very high-lands has been lost, but that grown on the low lands will give an average crop.
	41 Lohardugga, " 20 "	Nil	Hot day. Mornings and nights cool. No rain in the Sudder station. Light rain in three police stations only. The rice plants are drying. Itain is urgently wanted throughout the Sudder sub-division. The Palamow sub-divisional officer reports that 4.15 inches of rain fell at the head-quarters of the sub-division on the night of the 9th instant, and that the prospects of the crops are rather favourable now, but more rain is wanted for paddy and <i>rubbee</i> crops.
	42 Singhbhum, " 19 "	Nil	Weather—seasonable. On the 12th and 13th rain fell almost everywhere in the district and in some parts in sufficient quantity to put out of need any more showers for the rest of the season. In some parts, however, the quantity was insufficient, and the prospects of the <i>kaimanti</i> paddy in them are bad, and it is feared about an eight-anna harvest will be the probable yield of this crop. The centre of the Government Kolhan and the extreme east of Dhalbhum are the two worst of these bad parts. The fall of rain has been taken advantage of for cultivation of the cold weather crops, and the reports regarding them are favourable. The district is healthy.
	43 Manbhum, " 20 "	Nil	Weather—hot for the time of year at head quarters. There have been showers in the district. The reports are conflicting. Probably, where water has been husbanded, the crops will do well. A little more rain would do good both to the ripening grain on the high land and to the cold weather crops—mustard, surgoos, wheat, &c.

Published for general information.

RETAIL PRICES-CURRENT OF FOOD-GRAINS AND SALT IN THE DISTRICTS OF
BENGAL FOR THE FORTNIGHT ENDING 15th OCTOBER 1877.

RETAIL PRICES-CURRENT of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULWER MILLET— CUMBOO, BAJRA.					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																			
Western Districts.																			
1	Burdwan	12 12	12 0	16 0	30 0	30 0	17 8	14 4	13 12	24 0	15 4	15 0	25 0	...	...	...
2	Bankoora	13 0	18 12	21 4	24 0	23 0	17 8	15 12	26 0	20 0	16 0	30 0	...	...	...	
3	Beerbhoom.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Midnapore.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Howrah	13 0	11 4	18 0	...	...	...	9 8	9 0	18 0	11 8	11 8	20 0	...	...	...
Central Districts.																			
7	Calcutta	11 8	11 6	17 0	21 0	23 0	28 0	8 0	8 0	10 0	12 0	11 8	18 0	...	...	...
8	24-Pergunnahs.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Nuddea	12 13	18 5	18 5	27 14	29 0	35 8	10 10	10 0	16 13	11 7	10 10	20 0	...	...	...
10	Jessore	11 0	13 8	18 0	...	...	33 0	8 0	8 0	17 0	13 0	13 8	20 8	...	...	...
11	Moorshedabad	13 0	13 0 to 15 0	20 0	30 0	32 0	32 0	8 0	10 0 to 10 4	18 0	13 0	11 0 to 13 0	24 0	...	...	...
12	Dinapore	10 0	10 8	10 4	12 0	12 4	22 8	10 12	12 0	21 0	21 8	16 8	30 0	...	...	...
13	Rajshabye	13 8	13 8 to 20 10	41 4	24 0	37 0	8 12 to 12 0	8 0 to 9 12	18 0 to 21 0	17 4 to 18 12	14 4 to 15 0	22 8 to 28 2	...	...	...	...
14	Rangpore	15 0	15 0	19 8	...	...	...	12 11	12 14	14 8	22 8 to 23 8	18 0	22 8	...	...	...
15	Bogra	12 0	12 0	23 0	...	...	...	13 8	13 0	18 8	16 8	16 8	25 0	...	...	...
16	Pubna	15 0	13 8	20 4	...	...	...	8 0	8 10	18 8	10 0	15 0	28 0	...	...	...
17	Darjeeling	8 0	8 0	8 0	6 0	8 0	8 0	4 0	5 0	5 0	10 0	10 0	10 8	...	...	...
18	Jalpigoree	8 8	11 6	12 2	...	...	...	10 0	10 0	8 0	12 7	13 0	17 7	...	...	...
Eastern Districts.																			
19	Dacca	10 12	10 0	16 0	32 0	33 10	40 0	11 7	10 0	19 0 to 23 0	14 8	11 7	24 0 to 26 0	...	...	...
20	Farreedpore.†	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Backergunge	...	...	...	...	...	...	10 0	9 0	18 0	12 0	11 0	23 0	...	...	...
22	Mymensingh	9 8	9 8	16 0	...	...	...	13 0	9 8	20 0	18 8	12 0	26 0	...	...	...

* Return not received.

† Head-quar or prices not given.

A In the interior the prices range as follow:—Wheat 10 to 13 seers, barley 30 to 33 seers, best rice 12-4 to 15-5 seers, common rice 12-8 to 18 seers, and gram 18 to 19 seers.

B In the interior the prices range as follow:—Wheat 11-4 to 14 seers, barley 18 to 30 seers, best rice 13 to 16-4 seers, common rice 16 to 21 seers, maize 20 to 23 seers, and gram 12 to 15 seers.

C In the interior the prices range as follow:—Best rice 8 to 13 seers, common rice 10-8 to 17 seers, and gram 10 to 17-8 seers.

D In the interior the prices range as follow:—Wheat 14 to 16 seers, barley 32 to 40 seers, best rice 11 to 13 seers, common rice 14 to 16 seers, and gram 16 to 21 seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood and Salt in the under-

Number.		DISTRICTS.	QUANTITIES PER RUPEE BY																	
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBOW MILLET— COMMON, DARRA.					
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
Eastern Districts—(Contd.)																				
81	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
82	Noakholly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
83	Tippah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	Chittagong Hill Tracts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hill Tipperah		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BEHAR.																				
85	Patna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	Shahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
88	Durbhunga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
89	Mozafferpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
90	Saran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	Chumparn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
92	Monghyr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
93	Shahulpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
94	Purneah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95	Maldab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
96	Southal Pergunnah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ORISSA.																				
97	Cuttack	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	Pooree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
99	Balasore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA-NAGPORE.																				
South-Western Frontier Agency.																				
40	Hazarebagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	Lohardugga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	Singbhoom	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	Manbhoom	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Returns not received.

L In the interior prices range as follow:—Best rice (at Hathazari) 7 seers, and common rice 10 to 12 seers.

M In the interior prices range as follow:—Best rice 9 to 12 seers and common rice 9 to 16 seers.

N In the interior the prices range as follow:—A best 16 to 19-4 seers, barley 25 to 33-8 seers, best rice (at Sahambad) 10½ seers, common rice 12½ to 18 seers, lower millets 27½ to 30 seers, maize 24 to 29 seers, and grain 20 to 26 seers.

O In the interior the prices range as follow:—Wheat 12 to 16 seers, barley 16 to 23 seers, best rice 8½ to 14 seers, common rice 12 to 16 seers, maize 17 to 19 seers, and grain 18 to 23 seers.

P In the interior the prices range as follow:—Wheat 16 to 26 seers, barley 16 to 35 seers, best rice 11 to 19 seers, common rice 12½ to 19½ seers, lower millets 27½ to 40 seers, maize 25 to 40 seers, and grain 26 to 34 seers.

mentioned Districts of Bengal for the Fortnight ending 15th October 1877.—(Continued.)

THE SEER OF RO TOLAH.

GRAT MILLET— CHOLU, JOWAR.			LESSER MILLETS— RAGI OR MURWA AND CHENNA.			MAIZE OR INDIAN- CORN.			GRAM.			FIREWOOD			SALT			DISTRICTS.	
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	10 0	10 0	14 0	120 0	120 0	120 0	7 4	7 4	7 4	Chittagong.	
...	9 0	9 0	15 0	...	...	...	8 0	8 0	7 0	Noakholly.	
...	11 0	11 8	10 4	...	...	...	9 0	9 0	8 12	Tipperah.	
...	320 0	320 0	300 0	6 6	6 6	6 6	Chittagong Hill Tracts.	
...	10 0	11 5	10 6	...	...	...	8 0	8 0	8 0	Hill Tipperah.	
																		BEHAR.	
																		Patna.*	
...	28 0	37 0	37 0	24 0	34 0	31 8	23 0	21 0	25 8	160 0	160 0	160 0	8 0	7 8	8 0	Gya.	
...	...	31 0	22 0	30 0	33 0	28 0	30 0	30 0	18 0 to 19 0	17 0	30 0	160 0	160 0	160 0	9 8	8 0	9 4	Shahabad.	
...	26 4	26 4	35 8	27 8	28 8	37 0	16 8	30 12	31 12	176 0	176 0	180 0	8 0	8 0	7 6	Darbhanga.	
...	27 8	25 0	36 0	18 0	19 0	28 0	160 0	140 0	140 0	8 4	8 0	8 0	Monufferpore.	
...	19 0	19 0	33 0	20 0	20 0	35 0	17 0	16 0	31 8	160 0	160 0	160 0	8 8	8 8	8 8	Saran.	
...	28 0	35 0	37 0	21 0	21 0	25 0	...	...	...	8 0	8 0	7 13	Chumpan.	
																		Monghyr.*	
																		Bhagulpore.*	
...	13 0 to 15 0	13 0 to 16 0	25 0	160 0	160 0	160 0	8 0	8 8	8 0	Purneah.	
...	22 0	30 0	50 0	15 0	16 0	30 0	13 0	130 0	180 0	8 4	8 4	8 4	Maldah.	
...	35 0	...	50 0	16 0	20 0	20 0	200 0	200 0	240 0	8 0	8 0	8 0	Southal Perga.	
																		ORISSA.	
...	21 0	20 8	21 0	...	...	...	13 2	13 4	27 9	200 0	200 0	200 0	12 0	10 8	13 0	Cuttack.	
...	11 13	11 13	21 0	131 0	196 0	125 0	10 0	10 0	11 4	Pooree.	
...	10 8	10 8	14 0	80 0	100 0	180 0	7 10	7 0	8 8	Balasore.	
																		CHOTA NAGPORE.	
																		South-Western Frontier Agency.	
...	36 0	32 0	36 0	27 0	30 0	30 0	18 0	18 0	20 0	240 0	240 0	240 0	8 0	8 0	8 0	Hazaribagh.	
...	32 0	36 0	30 0	50 0	24 0	28 0	15 0	160 0	160 0	160 0	6 12	6 12	7 0	Lardtagga.
...	26 0	22 0	20 0	320 0	320 0	320 0	6 8	5 8	6 4	Singbhoom.	
...	34 0	34 0	34 0	40 0	40 0	40 0	16 0	16 0	20 0	160 0	160 0	240 0	8 0	8 0	8 0	Manbhoom.	

Q In the interior the price range as follow:—Wheat 14 to 17 seers, barley 25 to 30 seers, best rice 10 to 13 seers, common rice 13 to 16 seers, lesser millets 25 to 38 seers, maize 22 to 32 seers, and gram 17 to 28 seers.

R In the interior the price range as follow:—Wheat 13 to 18 seers, best rice 13 to 14 seers, common rice 20 seers, and gram 15 to 16 seers.

S In the interior the price range as follow:—Wheat 13 to 18 seers, barley 25 to 30 seers, best rice 13 to 15 seers, common rice 13 to 21 seers, lesser millets 8 to 10 seers, maize 30 to 35 seers, and gram 16 to 24 seers.

T In the interior the price range as follow:—Wheat 13 to 20 seers, barley 30 seers, best rice 12 seers, common rice 14 to 22 seers, lesser millets 30 to 40 seers, maize 29 to 40 seers, and gram 18 to 25 seers.

U At Daltongunge the prices on the 12th instant were:—Wheat 24 seers, best rice 14 to 23 seers, common rice 16 seers, and maize 44 seers.

V In the interior the prices range as follow:—Wheat 13 to 17 seers, best rice 14 to 23 seers, common rice 16 to 30 seers, maize 40 seers, and gram 14 to 17 seers.

Published for general information.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt

		PRICES PER MAUND														
Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BOLSON MILLET-CUMBOO BARRA		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	8 11 6	8 12 6 to 4 0 0	...	1 13 0	1 10 6	...	8 0 0	5 0 0 to 5 4 0	...	3 12 0	3 12 6 to 4 13 0	...	...	...	...
2	Seraingunge ...	3 0 0	...	...	...	...	...	4 12 0	...	...	3 0 0	...	...	...	...	...
3	Dacca ...	8 12 0	4 2 0	...	0 13 0	0 14 0	...	3 7 0	4 0 0	...	2 10 0	3 6 0	...	...	...	...
4	Narsaingunge...	...	...	...	...	...	...	3 2 0	3 10 0	...	2 12 0	3 4 0	...	...	...	...
5	Chittagong ...	...	...	...	...	...	...	6 6 0	7 0 0	...	3 0 0	3 0 0	...	...	...	...
6	Patna*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Balasore ...	...	...	...	...	...	...	2 8 0	2 7 4	...	1 14 6	2 4 6	...	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	2 14 0	3 0 0	...	...	...	...
9	Cuttack ...	3 0 0	2 15 3	...	...	...	...	3 3 0	4 6 0	...	2 14 0	3 10 6	...	...	...	...

* Return not received.

CALCUTTA,
The 23rd October 1877.

in the undermentioned *Marts* of Bengal for the Fortnight ending 15th October 1877.

OF 40 SEERS.

GRAT MILLET— CHOLU, JOWAR.			LUSSE MILLETS— RAGI OR MURWA AND CHENNA.			MAISE OR INDIAN CORN.			GRAM.			PIRWOOD.			BALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 12 0	1 10 0	...	...	...	...	1 12 6	1 10 6	...	2 10 0	2 12 0	2 14 0	0 6 00	0 6 00	...	4 0 04	0 0	...	Calcutta.
...	4 4 0	...	...	...	...	...	4 12 0	...	...	Berhampore.
...	8 2 02	10 0	...	0 6 00	0 6 00	...	4 2 04	2 0	...	Dacca.
...	3 7 03	8 0	...	0 6 00	0 4 0	...	4 2 04	2 0	...	Narainpore.
...	Chittagong.
...	Patna.
...	Balassore.
...	2 0 0	...	...	0 4 00	0 4 0	...	3 12 08	12 0	...	Pooree.
...	1 14	0 1 15	3	...	...	...	3 0 09	15 8	...	0 3 40	3 4	...	4 4 03	8 0	...	Cuttack.

Published for general information.

RAJENDRA NATH MITRA,
Offg. Asst. Secy. to the Govt. of Bengal.

Meteorological Telegraphic Report for the period 14th to 20th October 1877.

STATIONS.	Date	Hour.	Barometer reduced to 32°.	Barometer reduced to sea-level.	THERMOMETER.		Humidity Sat. = 100.	WIND.		Rain.	Clouds.	Weather initials.
					Dry.	Wet.		Direction.	Velocity.			
ALIPORA.	Oct. 14th	10	29.974	29.998	84.0	77.3	79	N	2.0	...	CS	c
	15th	10	29.974	29.998	84.0	77.3	79	N	2.0	...	K	c
	16th	10	29.974	29.998	84.0	77.3	79	N	2.0	...	OK, K	c
	17th	10	29.974	29.998	84.0	77.3	79	N	2.0	...	P	c
	18th	10	29.974	29.998	84.0	77.3	79	N by E	1.5	...	CS	c
	19th	10	29.974	29.998	84.0	77.3	79	N	4.7	...	C, K	c
	20th	10	29.974	29.998	84.0	77.3	79	N W by W	2.5	...	K	c
	21st	10	29.974	29.998	84.0	77.3	79	N W	5.9	...	K	c
	22nd	10	29.974	29.998	84.0	77.3	79	N W by W	3.3	...	CS, C	c
	23rd	10	29.974	29.998	84.0	77.3	79	N W by W	5.2	...	K, FK	c
BLANCH ISLAND.	Oct. 14th	10	29.977	29.983	86	83	84	NN W	3.2	...	P	b, c
	15th	10	29.977	29.983	86	83	84	NN W	6.7	...	KS	b, c
	16th	10	29.977	29.983	86	83	84	NE	3.0	...	P	b, c
	17th	10	29.977	29.983	86	83	84	S	4.5	...	KS	b, c
	18th	10	29.977	29.983	86	83	84	NN W	3.8	...	P	b, c
	19th	10	29.977	29.983	86	83	84	ENE	0.0	...	P	b, c
	20th	10	29.977	29.983	86	83	84	N W	3.1	...	PK	b, c
	21st	10	29.977	29.983	86	83	84	W S W	5.8	...	PK	b, c
	22nd	10	29.977	29.983	86	83	84	W	7.9	...	KN, FK	b, c
	23rd	10	29.977	29.983	86	83	84	W N W	11.7	...	KN	b, c
CHITTAGONG.	Oct. 14th	10	29.914	30.008	86	81	83	SW W	1.9	...	PK	b, c
	15th	10	29.914	30.008	86	81	83	KN K	2.7	...	K	b, c
	16th	10	29.914	30.008	86	81	83	NN E	3.2	...	...	b, c
	17th	10	29.914	30.008	86	81	83	C	0.3	...	...	b, c
	18th	10	29.914	30.008	86	81	83	E	2.0	...	...	b, c
	19th	10	29.914	30.008	86	81	83	E	2.9	...	...	b, c
	20th	10	29.914	30.008	86	81	83	O	3.1	...	...	b
	21st	10	29.914	30.008	86	81	83	...	...	...	...	b
	22nd	10	29.914	30.008	86	81	83	...	...	...	...	b
	23rd	10	29.914	30.008	86	81	83	...	...	...	...	b
AKHER.	Oct. 14th	10	29.971	29.992	86	80	76	ENE	0.9	...	CK, P	c
	15th	10	29.971	29.992	86	80	76	N W	2.3	...	CK	c
	16th	10	29.971	29.992	86	80	76	E	2.1	...	C	c
	17th	10	29.971	29.992	86	80	76	N	2.7	...	CK	c
	18th	10	29.971	29.992	86	80	76	N W	1.5	...	CK	c
	19th	10	29.971	29.992	86	80	76	E	1.3	...	CK	c
	20th	10	29.971	29.992	86	80	76	E	1.4	...	CK	c
	21st	10	29.971	29.992	86	80	76	...	...	...	...	c
	22nd	10	29.971	29.992	86	80	76	...	...	...	...	c
	23rd	10	29.971	29.992	86	80	76	...	...	...	...	c
CUTTACK.	Oct. 14th	10	29.901	29.982	86	79	76	W S W	0.6	...	C, CK	c
	15th	10	29.901	29.982	86	79	76	NE	1.4	...	PK, CK, C	c
	16th	10	29.901	29.982	86	79	76	NE	1.3	...	PK, C	c
	17th	10	29.901	29.982	86	79	76	N W	0.7	...	C, CK	c
	18th	10	29.901	29.982	86	79	76	S W	1.4	...	C, CK	c
	19th	10	29.901	29.982	86	79	76	W	1.4	...	...	c
	20th	10	29.901	29.982	86	79	76	W	0.7	...	...	c
	21st	10	29.901	29.982	86	79	76	...	...	...	...	c
	22nd	10	29.901	29.982	86	79	76	...	...	...	...	c
	23rd	10	29.901	29.982	86	79	76	...	...	...	...	c
VIRAPATAN.	Oct. 14th	10	29.951	29.982	86	78	68	ENE	1.9	...	C	c
	15th	10	29.951	29.982	86	78	68	S E by E	1.4	0.10	C	c
	16th	10	29.951	29.982	86	78	68	E by S	1.6	...	...	c
	17th	10	29.951	29.982	86	78	68	S E by S	1.0	...	C	c
	18th	10	29.951	29.982	86	78	68	E	1.2	...	...	c
	19th	10	29.951	29.982	86	78	68	S E	1.3	...	...	c
	20th	10	29.951	29.982	86	78	68	W N W	1.0	...	...	c
	21st	10	29.951	29.982	86	78	68	...	...	...	...	c
	22nd	10	29.951	29.982	86	78	68	...	...	...	...	c
	23rd	10	29.951	29.982	86	78	68	...	...	...	...	c
MADRAS.	Oct. 13th	10	29.950	29.972	87	79	69	S	6	0.01	...	cloudy
	14th	10	29.950	29.972	87	79	69	S E by S	10	...	...	cloudy
	15th	10	29.950	29.972	87	79	69	S E by S	6	...	...	c
	16th	10	29.950	29.972	87	79	69	S S K	6	0.21	...	c
	17th	10	29.950	29.972	87	79	69	NN W	7	...	...	c
	18th	10	29.950	29.972	87	79	69	E by S	10	...	...	c
	19th	10	29.950	29.972	87	79	69	S W	8	0.01	...	c
	20th	10	29.950	29.972	87	79	69	E	10	...	...	c
	21st	10	29.950	29.972	87	79	69	S	8	...	...	c
	22nd	10	29.950	29.972	87	79	69	E E E	8	...	...	c
COLOMBO.	Oct. 14th	10	29.976	29.919	84	78	76	S by E	3.8	...	C	c
	15th	10	29.976	29.919	84	78	76	S by W	7.3	...	C	c
	16th	10	29.976	29.919	84	78	76	S by E	3.8	0.20	...	c, d
	17th	10	29.976	29.919	84	78	76	S W	7.4	...	...	c
	18th	10	29.976	29.919	84	78	76	S	2.5	...	C	c
	19th	10	29.976	29.919	84	78	76	S E	1.4	0.10	C	c
	20th	10	29.976	29.919	84	78	76	C	...	0.30	...	c, f
	21st	10	29.976	29.919	84	78	76	...	...	...	...	c
	22nd	10	29.976	29.919	84	78	76	...	...	...	...	c
	23rd	10	29.976	29.919	84	78	76	...	...	...	...	c

* Velocity of wind in miles per hour.

CALCUTTA,
The 24th October 1877.JOHN ELIOT, M.A.,
Meteorological Reporter to the
Government of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 14th to 20th October 1877.

Month.	Date.	Maximum in sun.	Mean pressure; barometer at 35° F.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
				Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1877.		☉	Inches.	☉	☉	☉	☉	☉	Inch.	■	%			Inch.	
Oct.	14th	144.3	29.974	80.5	86.5	18.3	76.2	78.4	0.857	74.5	82	W and N ...	46	Nil	Chiefly clear.
"	16th	135.8	29.981	79.9	87.7	12.5	75.2	76.0	.877	75.3	87	Chiefly N & N by E.	83	"	Cloudy till 5 P.M., & P.M. night clear.
"	16th	142.3	29.983	79.3	87.8	18.8	74.0	74.4	.785	73.0	76	N by E & N ...	81	"	Chiefly clear.
"	17th	143.9	29.984	79.0	88.3	15.2	78.0	74.9	.813	73.0	83	Till 11 A.M. W N W through N W, till midnight N W by W.	63	"	Ditto.
"	18th	140.0	29.986	79.4	87.9	16.4	71.5	74.1	.774	71.8	77	N W by W ...	61	"	Clear.
"	19th	144.0	29.988	80.5	89.2	15.3	78.9	78.0	.838	73.9	80	W N W ...	59	"	Ditto.
"	20th	139.2	29.979	81.9	89.9	15.0	74.9	77.1	.865	74.9	79	Till 2 1/2 P.M. W N W through W, till midnight W.	90	"	Ditto.

The mean pressure of the seven days ... 29.896
 The average pressure of the corresponding period for 20 years ... 29.860

The mean temperature of the seven days ... 80.1
 The average temperature of the corresponding period for 20 years ... 82.0
 The extreme variation of temperature during the seven days ... 18.4
 The maximum temperature during the seven days ... 89.9

The mean humidity during the seven days ... 81
 The average humidity of the corresponding period for 24 years ... 77

The total fall of rain from 14th to 20th October ... Nil.
 The average fall of the corresponding period for 24 years ... 0.85
 The total fall from 1st January to 20th October ... 61.01
 The average fall of the corresponding period for 24 years ... 62.86

The mean pressure, temperature, &c., are deduced from observations made at 6h., 10h., 16h. and 22h.; the maximum and minimum temperatures from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard (Newman's No. 86) at the Surveyor-General's Office.

The hygrometric elements are obtained from tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modification of August's formula.

The direction and movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy.

HENRY F. BLANFORD,
 Meteorological Reporter to the Government of India.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 31, 1877.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE BENGAL FOREST ADMINISTRATION REPORT, 1876-77.

FINANCIAL DEPARTMENT.—FOREST.

Darjeeling, the 27th October 1877.

READ—

The Progress Report of Forest Administration in Bengal for the year 1876-77.

THE report is late in submission, the corrected proof having only been received in this office on the 29th of September. The delay appears to have been caused by the inability of the Account Department to forward complete statements of account before the latter end of August.

2. During the year 1876-77, 809 square miles of forest have been formally added to the Government reserves in tracts which had been carefully inspected in previous years. Only one fresh area was inspected during the year, viz. the Berhampore sal forest in Dinagore, and the result goes to show that it is not worth purchasing, all the valuable timber having been worked out, and the price demanded for the land being very high.

3. The total area of reserved forest in Bengal may thus be classified :—

	Square miles.
Sâi forests with savannah, mixed forests, and Lower Hill forests containing sâi	1,057
Khair and aissu forest	107
Upper Hill forest	75
Soondri forest	1,581
Chittagong mixed forest	570
Total	3,390

The Conservator remarks that the various reserves are so situated as to be able to supply with timber every district of this Government, except parts of the Patna and Bhagulpore divisions, which must for the present depend upon Nepal and Oudh.

4. The work of demarcation has gone on steadily during the year, 614 square miles having been completed, which brings up the total demarcated area to 2,735 miles. Of this, however, a part situated in Palamow will have to be gone over again, and the area actually remaining to be demarcated may be taken to be 806 miles. The important work of preparing accurate records of the boundary demarcation has not, the Lieutenant-Governor is glad to see, been neglected.

5. The forest staff for Bengal has been fixed by the Government of India at the following strength :—

- 1 Conservator,
- 3 Deputy Conservators,
- 6 Assistant Conservators,
- 1 Sub-Assistant Conservator,

which gives about one superior officer for every 300 square miles of reserve. This staff, with perhaps one additional officer, will, Dr. Schlich believes, be sufficient for some years to come if adequate subordinate establishment be provided. The scale of subordinate establishment has not yet been permanently settled, but the present cost, viz. Rs. 2,250 per mensem, is equivalent to an allowance of 13 annas per square mile monthly. The Conservator urges that at least one rupee per square mile monthly will eventually be required, or a total monthly allowance of Rs. 4,500 for subordinate office, forest, and depôt establishments. Of this he would wish to have Rs. 4,000 allowed in 1878-79. The Lieutenant-Governor believes that the working of the Forest Department, as detailed in this report, is sufficiently encouraging to warrant the Government of India in allowing a liberal scale of establishment. It can never be financially expedient to leave an improving and paying department undermanned.

6. The boundaries of the reserves in Darjeeling and Julpigoree have had traces cut along them, from 6 to 15 feet broad; besides which, roads have been made which will give access to 40 square miles of forest. Fourteen and a half miles of road have been made in Julpigoree. In the other divisions no work of this kind was required. The Conservator urges the advisability of opening up in the Darjeeling division the old riverside road along the Teesta from Sibhok. The Deputy Commissioner will be asked to report upon this matter; but it is understood that the cost of construction would be very great, and more than Government is perhaps warranted in spending until other more important frontier roads are completed.

7. The buildings required by the department have now been nearly all completed. Two forest bungalows are still required—one at Kalimpong in Darjeeling, and the other at Daltongunge in Palamow. These will have to be provided.

8. The area of new plantation was brought up to 524 acres during the year by the addition of 34 acres. These plantations are still to a great extent experimental. At Bamunpokri 153 acres are planted with teak, with a view to see if that valuable wood will thrive in the Terai. Similarly, experiments are being made with Spanish chestnuts in Darjeeling. The Lieutenant-Governor is disposed to think that it is a mistake to expend much money on attempts to introduce foreign trees. It is more useful and profitable to protect and cultivate the

indigenous trees of the Bengal forests. Bamboo, for the purposes of paper-making, is being tried both in Darjeeling and the Soonderbuns; but the soil of the Soonderbuns is found to be too damp for bamboos. The *baobab* is also being tried in the Soonderbuns and has thriven so far. But Dr. Schlich is at one with Dr. King in holding that neither from baobab nor bamboo will a marketable material for paper ever be produced. The cost of production will always be more than the manufacturers will care to pay for the article. In Chittagong it has been arranged to plant 100 acres yearly with teak and toon mixed, and 171 acres have already been so planted.

9. In the Buxa reserves an important experiment is being made with a view both to propagate *sāl* and at the same time protect the forests from fire. A dense belt of young *sāl* trees 100 feet broad is being raised along the boundaries, and it is hoped that when these grow they will effectually protect the forests and any future young plantations inside the belt from the jungle fires which do so much damage in the forests of the Terai.

10. The subject of protection from fire is one of primary importance, and the Lieutenant-Governor is glad to notice that during the year 66,127 acres of forest were protected at a cost of only Rs. 1,546. The year was damp and favourable, but the result is matter for satisfaction.

11. Prosecutions were instituted for 233 breaches of forest rules (230 in the Soonderbuns alone), and convictions were obtained in 127 cases.

12. Financially, the working of the department is satisfactory and full of promise for the future, the receipts having risen from Rs. 87,260 in 1871-72 to Rs. 2,22,401 in 1876-77. The charges have of course been growing at the same time as the department developed and extended its operations, and stood at Rs. 2,11,689, against Rs. 67,506 in 1871-72. But while these have now nearly reached their maximum, and are not expected to exceed Rs. 2,30,000 for some years to come, the receipts of the current year 1877-78 are estimated to amount to three lakhs of rupees. Again, although the cash surplus at the close of 1876-77 amounted to only Rs. 10,712, the stock in the depôts was worth Rs. 76,756 more than that in hand at the close of 1875-76; the old timber in depôt having been almost all sold off and the stock in hand consisting now chiefly of new and massive logs. The Lieutenant-Governor desires to impress upon the Conservator the importance of not sacrificing the good-will of the people to revenue considerations. Fees for grazing in the forests are, he fears, too high and give cause for irritation, and in some parts of the country the rules regarding the collection of minor forest produce are said to press upon the people. The Lieutenant-Governor has personally directed the attention of the Conservator to this subject.

13. Arranging the receipts and charges according to the instructions of the Government of India, Revenue, Agriculture, and Commerce Department, No. 309, dated 20th February 1877, the figures stand as follow:—

Receipts.		Charges.		Surplus.	Deficit.
	Rs.		Rs.	Rs.	Rs.
Departmental timber operations.	From wood brought to depôt by departmental agency. From confiscated, drift, and waif wood	Cost of timber operations by department and in recovering drift; half the total cost of departmental cattle, plant, and tools, and one-quarter of total cost of the establishment ...	66,161	76,539	30,437
Other revenue	Revenue from wood removed by private purchasers, &c., from minor produce, and miscellaneous	Cost in connection with removals by private purchasers; collection of dues on minor produce; miscellaneous charges; quarter of total cost of departmental cattle, plant, and tools; and half cost of establishment ...	1,76,800	68,521	1,07,778
Formation, protection, and improvement of forests.	.....	Cost of forest organization; treatment and creation of forests; works for development of forests; quarter of total cost of cattle, plant, and tools; and quarter of cost of establishments ...	.....	66,629	66,629
	Total ...	Total ...	2,22,401	2,11,689	10,712

14. The Conservator remarks, with reference to the comparatively unfavourable result of departmental operations as shown in the foregoing table, that against the apparent deficit of Rs. 30,437 must be set off Rs. 76,756, increased value of stock. He also urges that, as departmental operations for the removal

and sale of timber are carried on in two divisions only out of five, the proportion of cost of establishment, &c., charged to this head of the statement is unduly great.

15. In the *SECOND SECTION* of the report each of the forest divisions is treated in detail. The area of the *Darjeeling division* is now 161 square miles, and proposals for adding 60 square miles are under consideration. The forests of this division are very varied in character, ranging from the toon and india-rubber of the moist valleys, through the sâl of the lower hills and the middle hill forests of chilauni, cherry, and birch, up to the oaks, chestnuts, and magnolias of the upper hills. All the jomeahs who resided within the reserved area have been induced to remove, compensation being awarded them on this account. The Lieutenant-Governor hopes that the compensation has been actually paid, and would wish to have a special report upon this point.

16. The timber operations in this division have been partly carried on by Government and partly by private purchasers. The departmental operations were in former years confined to bringing to depôt logs cut about 10 years ago. These have now been sold, and new timber-cutting has commenced. The total number of trees taken out in 1876-77 was 1,699, of which 689 were removed by the department. The cuttings were at the rate of 15 trees only per square mile. The receipts from departmental operations in this division were Rs. 83,647, and the charges Rs. 21,166; for "other revenue" the figures were—receipts Rs. 21,817, and charges Rs. 11,411; Rs. 22,909 were spent on forest conservancy.

17. In the *Julpigoree division* the reserved area is now 390 square miles. There are five chief classes of forest, viz. lower hill forest, sâl forest, savannah forest, mixed forest, and khair and sissu forest.

Some of these forests contain mature timber, and the Buxa reserve is said to be now capable of yielding 80,000 cubic feet of sâl and sissu per annum. But the greater part of the area stands in need of re-stocking. Most of the jomeahs within the tract have been induced to leave.

18. The financial working of this division stands thus—

			Receipts.	Charges.
			Rs.	Rs.
Departmental operations	...	...	11,174	80,800
Other revenue	...	...	4,860	10,284
Conservancy	...	...	...	13,642
Total			15,534	54,726

The unfavorable result is due to heavy timber work and small sales. The stock in hand was, however, worth more by Rs. 71,219 at the close of the year than at the beginning. The sales were small, because the people of Eastern Bengal have a prejudice in favor of Nepal timber, which, it is hoped, the lower price of the Doocar supplies will soon effectually remove.

19. In the *Palamow division* there were at the end of 1876-77 188 square miles of reserve, including 37 square miles on the Kymore Range in Shahabad added during the year. There is some doubt as to the right of Government to the slopes of this range, and the tract is to be brought under settlement during the current cold season in order to determine the point and fix the limits of the neighbouring estates. The forests of this division have not been worked, as they are in a very reduced condition. For some years to come the working of this division is likely to entail a deficit, which, however, the Conservator does not expect to exceed Rs. 10,000 per annum.

20. In the *Soonderbuns division* the total area of reserve is 1,581 square miles divided into three blocks: the Bagirhat block of about 500 square miles, which is a soondri reserve; and the Khoolna block (699 square miles) and Satkhira block (382 square miles) which are firewood reserves. Measures are under consideration (though not alluded to in the report) for bringing the remaining jungle area of Soonderbuns under the control of the Forest Department. The whole of the operations in this division are carried on by private purchasers under a system of passes or permits. During the year 13,999 boats entered the reserve and took away 4½ million maunds of forest produce paying Rs. 84,073. Much produce was also taken away without payment, and steps

have been taken to check this illegal trading. The charges of the year were Rs. 40,167. It is estimated that in 1877-78 the receipts will be over a lakh of rupees, and the charges Rs. 38,000 only.

21. The *Chittagong division* has an area of 570 square miles. None of the reserved area is at present worked for timber.

22. In the divisions of *Singbhoom, Hazareebagh, and the Sonthal Pergunnahs* the reserves have not yet been taken over by the department.

23. SECTION III of the report treats of *Unreserved or District forests*. The Forest Department is only concerned with such in the Julpigoree and Chittagong divisions. In the former there are now only 8 miles of open forest left, and it is intended to cut what timber is fit for cutting, and to leave the area for agricultural purposes. In the Chittagong division there are upwards of 5,000 square miles of open forest, over which the tribes of the Hill Tracts wander and joom. The management of these forests rests, therefore, with the civil officers of the district. The people take free of charge what is necessary for domestic purposes, and tolls are levied by the Forest Department on forest produce exported beyond the Hill Tracts boundary. Certain restrictions are also imposed by the Forest Department on the cutting of the more valuable kinds of timber. The receipts from tolls have fallen off from Rs. 1,13,196 in 1874-75 to Rs. 65,654 in the year of review. The cause of this has formed the subject of enquiry, and various reasons for it have been assigned by the local officers. Dr. Schlich is disposed to hold that it is the result of purely temporary causes that the market became overstocked with material in 1874-75, and that the cyclone of 1876 and the subsequent epidemic of cholera prevented the revival of trade. The question of the rates levied upon the produce is under reference at present to the Commissioner of Chittagong.

24. On the whole, the working of the department throughout the year is both satisfactory and encouraging. The thanks of Government are due to Dr. Schlich for his intelligent and active supervision, and he seems to have been well and ably assisted by most of the officers working under his orders. The Lieutenant-Governor regrets the removal of Messrs. Home and Gamble from Bengal, and is sorry also to learn that since the close of the year Mr. H. H. Davis has been compelled by serious illness to proceed to Europe on leave.

By order of the Lieutenant-Governor of Bengal,

A. MACKENZIE,

Secretary to the Govt. of Bengal.

REPORT ON THE STATE OF THE SALT MARKET FOR THE FIRST QUARTER OF 1877-78.

No. 709B., dated Fort William, the 5th October 1877.

From—W. H. GRIMLEY, Esq., Offg. Secretary to the Board of Revenue, L. P.,
To—The Secretary to the Government of Bengal, Revenue Department.

I AM directed by the Board of Revenue to submit the following report on the state of the salt market for the first quarter of 1877-78, comprising the months of

C. T. BUCKLAND, Esq.

April, May, and June 1877.

2. The quantity of salt consumed (i.e. the quantity of total clearances of salt of every description) in the quarter under report amounted to 21,03,828 maunds 8 seers 12 chittacks, against 18,60,935 maunds 3 seers 15 chittacks in the previous quarter, and 16,58,405 maunds 13 seers in the corresponding quarter of the previous year, and the total amount of duty levied was Rs. 65,38,380-15-4, against Rs. 57,47,015-1-9, and Rs. 51,44,541-2-3 in the previous and corresponding quarters respectively.

3. The quantity of excise salt sold in Cuttack, Balasore, Pooree, and 24-Pergunnahs during the present quarter from the stock of the different seasons' manufacture, and the quantity which remained in store at the close of the quarter, are shown in the following Table I:—

TABLE I.

	CUTTACK.			BALASORE.					
	Manufacture of			Manufacture of					
	1874-75.	1875-76.	1876-77.	1869-70.	1872-73.	1873-74.	1874-75.	1875-76.	1876-77.
	Mds. S.	Mds.	Mds. S.	Mds. S. C.	Mds. S. C.	Mds. S. C.	Mds. S. C.	Mds. S. C.	Mds. S.
Balance at the close of the last quarter.	9,171 23	2,908	2,764 20	218 0 0	538 19 1	2,229 0 13	16,635 12 0	1,20,764 8 8	13,680 1
Manufactured or added during the quarter.	.....	.....	3,519 10	.....	.....	.....	.....	.....	21,947 19
Total	9,171 23	2,908	6,284 0	218 0 0	538 19 1	2,229 0 13	16,635 12 0	1,20,764 8 8	35,627 20
DEDUCT—									
Sales during the quarter	2,000 0	1,000	.....	4 23 8	.....	1,023 0 0	9,045 15 4	33,492 15 0	2,000 0
Wastage	.....	.....	.....	218 6 8	.....	.....	1,315 8 12	236 50 0	.....
Total	2,000 0	1,000	.....	218 0 0	.....	1,023 0 0	11,159 24 0	33,728 5 0	2,000 0
Balance at close of the quarter	6,111 23	1,908	6,284 0	.....	538 19 1	1,206 0 13	6,472 28 0	1,00,053 3 8	33,627 20

	POOREE.				24-PERGUNNAH.	
	Manufacture of				Manufacture of	
	1873-74.	1874-75.	1875-76.	1876-77.	1875-76.	1876-77.
	Mds. S.	Mds. S. C.	Mds. S. C.	Mds. S.	Mds.	Mds. S.
Balance at the close of the last quarter.	15,872 0	4,328 9 7	1,40,792 58 8	2,064 10	20,464	21,108 0
Manufactured or added during the quarter.	.....	.....	.....	19,464 30	.....	16,025 30
Total	15,872 0	4,328 9 7	1,40,792 58 8	21,518 30	20,464	37,133 30
DEDUCT—						
Sales during the quarter	5,959 0	.....	65,043 0 0	.....	6,000	.....
Wastage	675 1	127 9 7	.....	.....	.....	.....
Total	6,634 1	127 9 7	65,043 0 0	.....	6,000	.....
Balance at close of the quarter	9,257 29	4,101 0 0	64,749 58 8	21,518 30	14,464	37,133 30

It will be seen from the above that the total clearances or sales of excise salt during the quarter under review amounted to 1,29,485 maunds 23 seers 12 chittacks, against 95,308 maunds 39 seers 7 chittacks in the previous quarter, and 85,379 maunds 23 seers in the corresponding quarter of the previous year.

4. The subjoined Table II shows comparatively the total importations into the port of Calcutta, and the total clearances of sea-imported salt during the quarter under review and the corresponding quarter of the previous two years :—

TABLE II.

DESCRIPTION OF SALT.	FIRST QUARTER OF 1875-76.		FIRST QUARTER OF 1876-77.		FIRST QUARTER OF 1877-78.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Liverpool Pungah	17,56,881	12,00,021	14,96,038	12,56,714	16,78,951	16,05,295
Foreign Kurkutch	2,36,223	52,644	1,57,141	88,790	79,406	1,58,747
Indian ditto	1,63,808	1,66,762	75,883	1,80,276	60,436	1,63,689
Ceylon ditto ... ..	...	...	...	...	...	600
Total	21,47,012	15,12,427	17,11,063	15,25,770	20,11,793	19,28,861

5. The following are the details of the Indian Kurkutch salt shown above :—

TABLE III.

	FIRST QUARTER OF 1875-76.		FIRST QUARTER OF 1876-77.		FIRST QUARTER OF 1877-78.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay	50,533	1,14,776	36,583	98,444	60,436	1,09,080
Madras	1,05,180	7,370	39,300	26,254	...	19,226
Coconada	8,195	20,308	...	650	...	...
Covelong ... ..	...	13,343	...	50,352	...	34,611
Tuticorin ... ..	...	...	...	250	...	6,594
Goa ... ..	...	690	...	4,368	...	...
Daman ... ..	...	8,440	...	...	...	188
Total	1,63,908	1,60,762	75,883	1,80,276	60,436	1,63,689

6. Table IV shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter, as compared with the results of the previous four quarters :—

TABLE IV.

WHERE STORED.		First Quarter of 1876-77.	Second Quarter of 1876-77.	Third Quarter of 1876-77.	Fourth Quarter of 1876-77.	First Quarter of 1877-78.
		Mds.	Mds.	Mds.	Mds.	Mds.
Solke	Government Golahs	30,22,105	28,29,604	30,96,198	27,36,773	24,86,529
Ditto	Private ditto	6,20,767	5,35,530	6,94,228	9,76,393	6,89,464
Chittagong	Government ditto	1,36,366	84,448	1,89,012	1,29,273	1,02,168
Ditto	Private ditto	28,768	28,768	27,768	23,908	13,790
Total		37,07,906	34,78,410	41,67,201	38,64,745	34,90,961

7. Table V shows the despatches of salt from Calcutta by water and the three railways passing the several salt pass stations into the interior of the country, both east and west of the river Hooghly, during

the quarter under review and the corresponding quarter of the previous two years:—

TABLE V.

Period.	Via Ballikhal.	Via Sankrail.	Via Gowa- khallee.	Via Kidder- pore.	Via Ballia- ghatta.	By the East Indian Railway.	By the Eastern Bengal Rail- way, and Cal- cutta and South-Eastern State Railway, or Chittpore.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
First quarter of 1875-76 ...	2,74,898	1,37,087	30,893	1,31,400	4,00,114	4,69,074	23,756
Ditto 1876-77 ...	2,69,090	1,33,427	33,149	3,70,689	1,330	4,71,613	1,29,698
Ditto 1877-78 ...	3,26,748	1,39,162	1,08,980	1,04,401	3,00,691	5,78,729	2,15,855

The quantity of salt despatched by the East Indian Railway to stations beyond Buxar in the quarter under review amounted to 16,579 maunds, as noted in the margin, against 12,732 maunds in the previous quarter, and 5,503 maunds in the corresponding quarter of the previous year.

8. The shipments of Liverpool salt for the port of Calcutta, according to published market reports, were as follow:—

	Tons.
April ...	30,235
May ...	6,043
June ...	22,948
Total ...	59,226

There were no shipments during the quarter under report for the port of Chittagong.

9. The market prices per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter, as compared with those obtaining during the same period last year, are shown in the following Table VI:—

TABLE VI.

DESCRIPTION OF SALT.	Prices on the 15th April		Prices on the 30th April		Prices on the 15th May		Prices on the 31st May		Prices on the 15th June		Prices on the 30th June	
	1876.	1877.	1876.	1877.	1876.	1877.	1876.	1877.	1876.	1877.	1876.	1877.
Liverpool Pungah ...	Rs. 47	Rs. 53	Rs. 46	Rs. 50	Rs. 56	Rs. 50	Rs. 54	Rs. 39	Rs. 61	Rs. 41	Rs. 61	Rs. 43
French Kurkutch ...	55	40	55	40	57	32	53	36	54	37	55	37
Jeddah ditto ...	69	56	69	55	69	55	69	55	69	56	69	57
Bombay ditto ...	44	48	43	50	54	49	56	49	55	47	55	47
Madras ditto ...	44	48	43	45	43	43	43	43	43	46	43	46
Italian ditto ...	55	49	56	40	56	31	53	36	56	37	55	37
Muscat ditto ...	61	49	56	45	56	45	56	43	56	43	56	45
Rock ...	100	90	110	90	110	90	110	90	110	90	110	90
Ceylon Kurkutch ...	...	44	...	38	...	38	...	38	...	38	...	38

10. In Table VII are shown the total quantities of salt that were available for private export trade at the several depôts in the Madras Presidency on the first day of each of the three months constituting the quarter under report, and the corresponding quarters of 1875-76 and 1876-77:—

TABLE VII.

MONTHS.				1875-76.	1876-77.	1877-78.
				Mds.	Mds.	Mds.
April ...	...	...	...	1,88,062½	4,03,086½	8,52,730
May ...	...	...	...	1,88,782½	3,95,594½	Unknown.
June ...	...	...	...	1,90,163	4,07,816½	4,37,638